

Models 8752/8752P/8756/8756P/8757

Soft Serve Freezers

Service Manual

028752-S



8/21/00

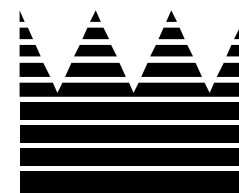


Table of Contents

Section 1: Introduction	1
Safety	2
Refrigerant	2
Model 8752 Specifications	4
Model 8752P Specifications	5
Model 8756 Specifications	6
Model 8756P Specifications	7
Model 8757 Specifications	8
Installation Instructions	9
Running Specifications	11
Section 2: Controls and Systems	13
Generation II Control Logic Board	14
Power Board	20
Service Tips for Generation II Boards	21
Control Overview	24
Air/Mix Pump	25
Horizon Mix Pump	26
Refrigeration/Air System for Horizon Schematic	27
Section 3: Troubleshooting	29
General Troubleshooting Guide	30
Air/Mix Pump Troubleshooting Guide	33
Horizon Pump Troubleshooting Guide	34
Electrical Troubleshooting Guide	35
Bacteria Troubleshooting	36

Section 4: Parts	39
Warranty Explanation	40
8752/8752P Exploded View	42
8752/8752P Panels	44
8752 Mix Cabinet A. X50456-	46
8752P Mix Cabinet A. X52587-	48
8752P Mix Cabinet A. X62338-	50
8752/8752P/8756/8756P Door Hinge	52
8752P Air Compressor A. X52378-	53
8752/8752P Control A. X33484-	54
8752/8752P Draw Switch A. X33322	55
8752/8752P Cap & Relay Box A. X52670-	56
8752/8752P Beater & Door A.	57
8752/8756/8757 Coax Pump A. X36201	58
8752P/8756P Horizon Pump A.	59
8752/8756/8757 Accessories	60
8756/8756P Exploded View	62
8756/8756P Panels	64
8756 Mix Cabinet A. X49554-	66
8756P Mix Cabinet A. X51937- (Previous Version)	67
8756P Mix Cabinet A. X62347- (Current Version)	68
8756P Air Compressor A. X51859-	69
8756 Control A. X32473-	70
8756P Control A. X51936-	71
8756/8756P/8757 Draw Switch A. X38921	72
8756/8756P/8757 Blower A. X53725-	73
8756/8756P/8757 Cap & Relay Box A. X52683-	74
8756 & 8757 Beater Door Assembly	75
8757 Exploded View	76
8757 Panels	78
8757 Control A. X42792-	80

Table of Contents - Page 3

8757 Mix Cabinet A. X49568-	81
8757 Hinge-Door	82
Parts List	83
Wiring Diagrams	105

CAUTION: Information in this manual is intended to be used by Taylor Authorized Service Technicians only.

Note: Continuing research results in steady improvements; therefore, information in this manual is subject to change without notice.

© August, 2000 Taylor
All rights reserved.
028752-S

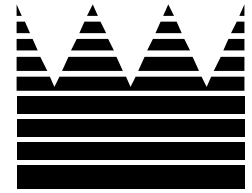


TAYLOR®
*The word Taylor and the Crown design
are registered trademarks in the United States
of America and certain other countries.*

Taylor Company
a division of Carrier Commercial Refrigeration, Inc.
750 N. Blackhawk Blvd.
Rockton, IL 61072

Notes:

[illegible]



Section 1: Introduction

- **Safety**
- **Refrigerant**
- **Specifications**
- **Installation Instructions**
- **Running Specifications**

Safety

We at Taylor are committed to manufacturing safe operating and serviceable equipment. The many built-in safety features that are part of all Taylor equipment are aimed at protecting operators and trained service technicians alike.

This manual is intended exclusively for Taylor authorized service personnel.



DO NOT attempt any repairs unless the main power supply to the machine has been disconnected. Failure to follow this instruction may result in electrocution.



Stationary appliances which are not equipped with a power cord and a plug or other device to disconnect the appliance from the power source must have an all-pole disconnecting device with a contact gap of at least 3 mm installed in the external installation. Failure to follow this instruction may result in electrocution.



DO NOT install the unit in an area where a water jet could be used to clean or rinse the freezer. Failure to follow this instruction may result in serious electrical shock.



These machines must be placed on a level surface. Failure to comply may result in personal injury or equipment damage.

This freezer is designed to operate indoors, under normal ambient temperatures of 70°–75°F (21°–24°C). The freezer has successfully performed in high ambient temperatures of 104°F (40°C) at reduced capacities.

NOISE LEVEL: Airborne noise emission does not exceed 78 dB(A) when measured at a distance of 1.0 meter from the surface of the machine and at a height of 1.6 meters from the floor.

Refrigerant

Taylor uses R404A refrigerant. This refrigerant is generally considered non-toxic and non-flammable; however, any gas under pressure is potentially hazardous.



NEVER fill any refrigerant cylinder completely with liquid. Filling the cylinder to approximately 80% will allow for normal expansion.



Refrigerant liquid sprayed onto the skin may cause serious damage to tissue. Keep eyes and skin protected. If refrigerant burns should occur, flush immediately with cold water. If burns are severe, apply ice packs and contact a physician immediately.



Taylor reminds technicians to be cautious of government laws regarding refrigerant recovery, recycling, and reclaiming systems. If you have any questions regarding these laws, please contact the factory Service Department.

WARNING: R404A refrigerant used in conjunction with polyolester oils is extremely moisture absorbent. When opening a refrigeration system, the maximum time the system is open must not exceed 15 minutes. Cap all open tubing to prevent humid air or water from being absorbed by the oil.



If the crossed out wheeled bin symbol is affixed to this product, it signifies that this product is compliant with the EU Directive as well as other similar legislation in effect after August 13, 2005. Therefore, it must be collected separately after its use is completed, and cannot be disposed as unsorted municipal waste.

The user is responsible for returning the product to the appropriate collection facility, as specified by your local code.

For additional information regarding applicable local laws, please contact the municipal facility and/or local distributor.

Compressor Warranty Disclaimer

The refrigeration compressor(s) on this machine are warranted for the term indicated on the warranty card accompanying this machine. However, due to the Montreal Protocol and the U.S. Clean Air Act Amendments of 1990, many new refrigerants are being tested and developed; thus seeking their way into the service industry. Some of these new refrigerants are being advertised as drop-in replacements for numerous applications. It should be noted that, in the event of ordinary service to this machine's refrigeration system, only the refrigerant specified on the affixed data label should be used. The unauthorized use of alternate refrigerants will void your compressor warranty. It will be the owners' responsibility to make this fact known to any technicians they employ.

It should be noted, that Taylor does not warrant the refrigerant used in its equipment. For example, if the refrigerant is lost during the course of ordinary service to this machine, Taylor has no obligation to either supply or provide its replacement either at billable or unbillable terms. Taylor does have the obligation to recommend a suitable replacement if the original refrigerant is banned, obsoleted, or no longer available during the five year warranty of the compressor.

Taylor will continue to monitor the industry and test new alternates as they are being developed. Should a new alternate prove, through our testing, that it would be accepted as a drop-in replacement, then the above disclaimer would become null and void. To find out the current status of an alternate refrigerant as it relates to your compressor, call the local Taylor Distributor or the Taylor Factory. Be prepared to provide the model/serial number of the unit in question.

Model 8752 Specifications

Freezing Cylinder

One, 3.4 quart (3.2 liter) volume freezing cylinder.

Refrigerated Mix Storage Cabinet

Lower front mix cabinet. One 15 gallon (57.0 liter) mix tank. Air/mix pump.

Beater Motor

One, 1.5 hp.

Refrigeration Unit

One, 9,500 btu/hr compressor. R404A.
Mix Cabinet Refrigeration, one 1,100 BTU/hr. R404A.

Electrical

Electrical	One dedicated connection.	
	Maximum Fuse Size	Minimum Circuit Ampacity
208-230/60/1 Air	35	29
208-230/60/1 Water	35	28
208-230/60/3 Air	25	22
208-230/60/3 Water	25	21
220-240/50/1 Air	30	24
220-240/380-415/50/3 Air	15	12

This unit may be manufactured with other electrical characteristics. (For exact electrical information, always refer to the data label of the unit.)

Air Cooled

Clearance: 3" (76 mm) around all sides and 12" (305 mm) on top.

Water Cooled

Water inlet and drain connections under side of base 3/8" FPT.

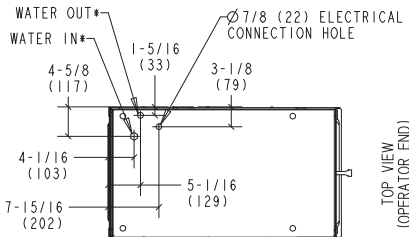
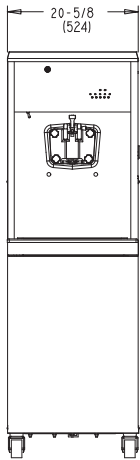
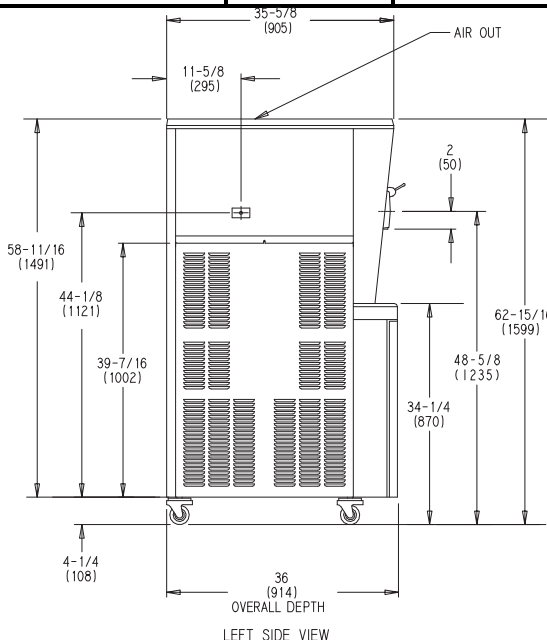
Dimensions

Width: 20-5/8" (524 mm)
Depth: 36" (914 mm)
Height: 62-15/16" (1,599 mm)
Floor Clearance: 4-1/4" (108 mm) mounted on standard casters.

Approximate Weights:

Net: 644 lbs. (292.1 kgs.)
Crated: 767 lbs. (347.9 kgs.)
Volume: 68.0 cu. ft. (1.62 cu. m.)

Availability and specifications subject to change without notice.



*WATER COOLED ONLY

(FIGURES IN PARENTHESES INDICATE MILLIMETERS)

Model 8752P Specifications

Freezing Cylinder

One, 3.4 quart (3.2 liter) volume freezing cylinder.

Refrigerated Mix Storage Cabinet

Lower front mix cabinet. One 15 gallon (57.0 liter) mix tank. Horizon® mix delivery system.

Beater Motor

One, 1.5 hp.

Refrigeration Unit

One, 9,500 btu/hr compressor. R404A.
Mix Cabinet Refrigeration, one 1,100 BTU/hr. R404A.

Electrical

Electrical	One dedicated connection.	
	Maximum Fuse Size	Minimum Circuit Ampacity
208-230/60/1 Air	35	29
208-230/60/1 Water	35	29
208-230/60/3 Air	25	23
208-230/60/3 Water	25	22
220-240/380-415/50/3 Air	15	14

This unit may be manufactured with other electrical characteristics. (For exact electrical information, always refer to the data label of the unit.)

Air Cooled

Clearance: 3" (76 mm) around all sides and 12" (305 mm) on top.

Water Cooled

Water inlet and drain connections under side of base 3/8" FPT.

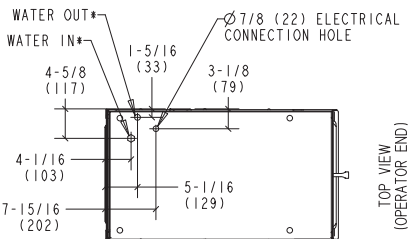
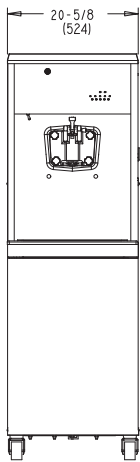
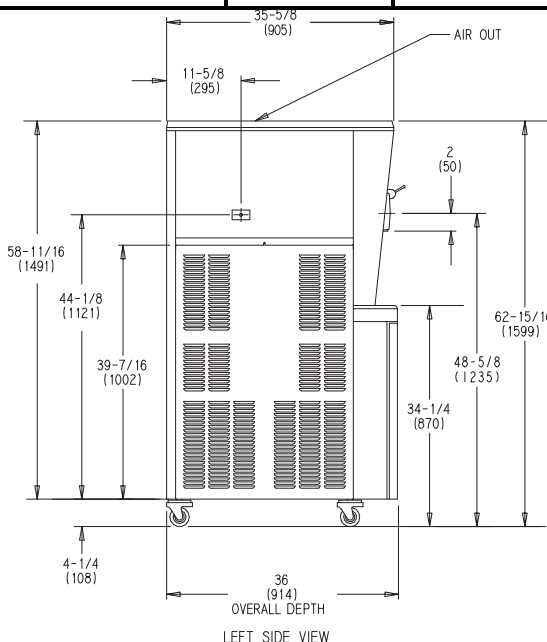
Dimensions

Width: 20-5/8" (524 mm)
Depth: 36" (914 mm)
Height: 62-15/16" (1,599 mm)
Floor Clearance: 4-1/4" (108 mm) mounted on standard casters.

Approximate Weights:

Net: 659 lbs. (298.9 kgs.)
Crated: 782 lbs. (354.7 kgs.)
Volume: 68.0 cu. ft. (1.62 cu. m.)

Availability and specifications subject to change without notice.



*WATER COOLED ONLY

(FIGURES IN PARENTHESES INDICATE MILLIMETERS)

Model 8756P Specifications

Freezing Cylinder

Two, 3.4 quart (3.2 liter) volume freezing cylinders.

Refrigerated Mix Storage Cabinet

Lower front mix cabinet. Two, 9 gallon (34.1 liter) mix tanks. Horizon® mix delivery system.

Beater Motor

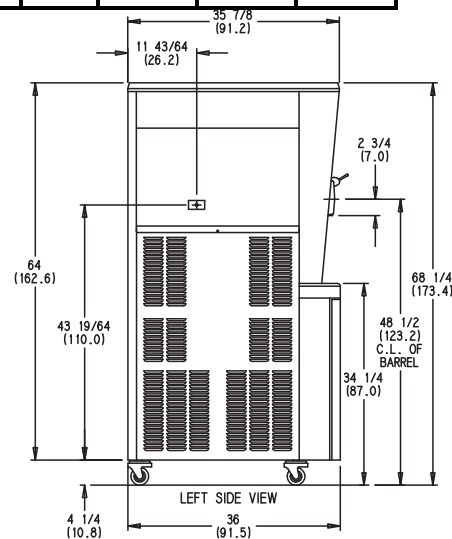
Two, 1.5 hp.

Refrigeration Unit

Two, 9,500 btu/hr compressors. R404A.
Mix Cabinet Refrigeration, one 1,100 BTU/hr. R404A.

Electrical

Electrical	Two dedicated connections.			
	Maximum Fuse Size		Minimum Circuit Ampacity	
	Left	Right	Left	Right
208-230/60/1 Air	35	30	30	23
208-230/60/1 Water	35	30	28	23
208-230/60/3 Air	25	20	23	15
208-230/60/3 Water	25	20	20	15
220-240/380-415/50/3 Air	15	10	16	9



- NOTES:
- FIGURES IN PARENTHESES INDICATE CENTIMETERS.
 - * NOTES FOR WATER COOLED UNITS ONLY.

This unit is also available with other electrical characteristics. (For exact electrical information, always refer to the data label of the unit.)

Air Cooled

Clearance: 3" (76 mm) around all sides and 12" (305 mm) on top.

Water Cooled

Water inlet and drain connections under side of base 1/2" FPT.

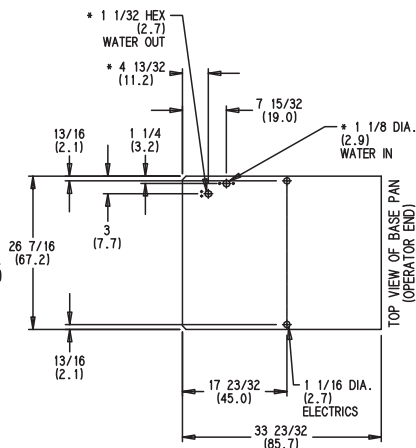
Dimensions

Width: 26-7/16" (672 mm)
Depth: 36" (914 mm)
Height: 68-1/4" (1,734 mm)
Floor Clearance: 4-1/4" (108 mm) mounted on standard casters.

Approximate Weights:

Net: 870 lbs. (394.6 kgs.)
Crated: 1,010 lbs. (458.1 kgs.)
Volume: 69.3 cu. ft. (1.9 cu. m.)

Availability and specifications subject to change without notice.



Model 8757 Specifications

Freezing Cylinder

Two, 3.4 quart (3.2 liter) volume freezing cylinders.

Refrigerated Mix Storage Cabinet

Lower front mix cabinet. Two, 9 gallon (34.1 liter) mix tanks. Two air/mix pumps.

Beater Motor

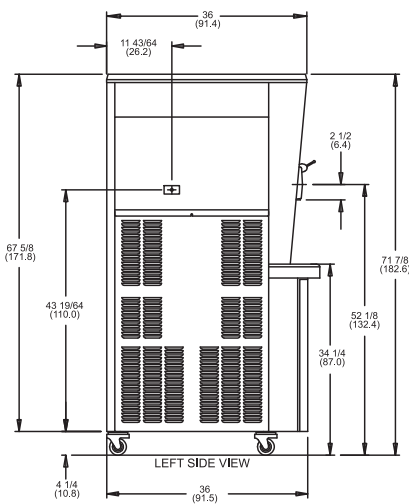
Two, 1.5 hp.

Refrigeration Unit

Two, 9,500 btu/hr compressors. R404A.
Mix Cabinet Refrigeration, one 1,100 BTU/hr. R404A.

Electrical

Electrical	Two dedicated connections.			
	Maximum Fuse Size		Minimum Circuit Ampacity	
	Left	Right	Left	Right
208-230/60/1 Air	40	30	30	23
208-230/60/1 Water	35	30	28	23
208-230/60/3 Air	30	20	25	17
208-230/60/3 Water	25	20	23	17
220-240/50/1 Water	30	25	25	21
220-240/380-415/50/3 Air	15	10	16	9



NOTES:
1. FIGURES IN PARENTHESES INDICATE CENTIMETERS.
2. * NOTES FOR WATER COOLED UNITS ONLY.

This unit is also available with other electrical characteristics. (For exact electrical information, always refer to the data label of the unit.)

Air Cooled

Clearance: 3" (76 mm) around all sides and 12" (305 mm) on top.

Water Cooled

Water inlet and drain connections under side of base 1/2" FPT.

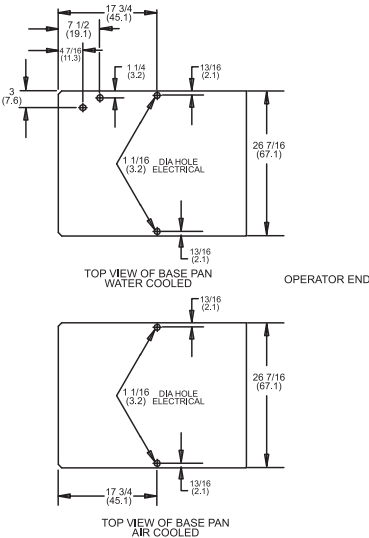
Dimensions

Width: 26-7/16" (672 mm)
Depth: 36" (914 mm)
Height: 71-7/8" (1,826 mm)
Floor Clearance: 4-1/4" (108 mm) mounted on standard casters.

Approximate Weights:

Net: 915 lbs. (415.1 kgs.)
Crated: 1080 lbs. (489.9 kgs.)
Volume: 76.4 cu. ft. (2.1 cu. m.)

Availability and specifications subject to change without notice.



Installation Instructions

Water Connections (Water Cooled Units Only)

An adequate cold water supply must be provided with a hand shut-off valve. On the underside rear of the base pan, two 3/8" I.P.S. (for single head units) or two 1/2" I.P.S. (for double head units) water connections for inlet and outlet have been provided for easy hook-up. 1/2" inside diameter water lines should be connected to the machine. (Flexible lines are recommended, if local codes permit.) Depending on local water conditions, it may be advisable to install a water strainer to prevent foreign substances from clogging the automatic water valve. There will be only one water "in" and one water "out" connection for both single head and double head units. **DO NOT** install a hand shut-off valve on the water "out" line! Water should always flow in this order: first, through the automatic water valve; second, through the condenser; and third, through the outlet fitting to an **open trap drain**.

Air Cooled Units

A minimum of 3" (76 mm) of clearance around all sides and 12" (305 mm) on top is required to allow for adequate air flow across the condenser(s). Failure to allow adequate clearance can reduce the refrigeration capacity of the freezer and possibly cause permanent damage to the compressor.

Electrical Connections

Each freezer requires one power supply for each data label. Check the data label on the freezer for fuse, wire ampacity and electrical specifications. Refer to the wiring diagram provided inside of the electrical box, for proper power connections.

In the United States, this equipment is intended to be installed in accordance with the National Electrical Code (NEC), ANSI/NFPA 70-1987. The purpose of the NEC code is the practical safeguarding of persons and property from hazards arising from the use of electricity. This code contains provisions considered necessary for safety. Compliance therewith and proper maintenance will result in an installation essentially free from hazard!

In all other areas of the world, equipment should be installed in accordance with the existing local codes. Please contact your local authorities.

Stationary appliances which are not equipped with a power cord and a plug or other device to disconnect the appliance from the power source must have an all-pole disconnecting device with a contact gap of at least 3 mm installed in the external installation.



CAUTION: THIS EQUIPMENT MUST BE PROPERLY GROUNDED! FAILURE TO DO SO CAN RESULT IN SEVERE PERSONAL INJURY FROM ELECTRICAL SHOCK!

Check Out

Once the unit is installed, it is advisable to check the following controls and mechanical operations of the freezer and to make any necessary adjustments. If applicable, repeat these checks for the second freezing cylinder on double head units.

Beater Rotation

Beater rotation must be clockwise as viewed looking into the freezing cylinder. To check rotation, perform the following steps:



PLACE THE MAIN POWER SWITCH IN THE "OFF" POSITION. Failure to follow this instruction may result in severe personal injury from hazardous moving parts.

1. Remove the door assembly(ies), beater(s), and scraper blades.
2. Place the main power switch in the "ON" position.
3. Press the WASH key on the logic board(s). This activates the beater motor(s) only.
4. Look into the freezing cylinder(s). The drive shaft(s) should be rotating clockwise.
5. Press the WASH key to stop the beater motor(s).

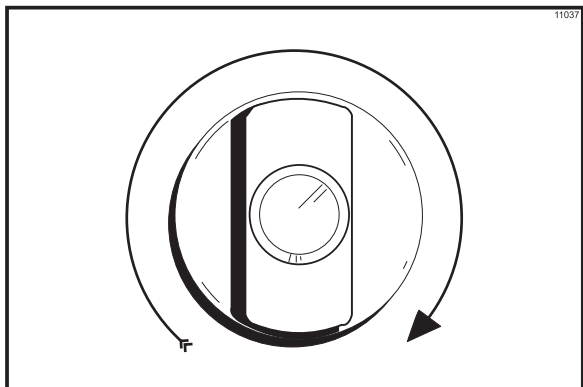


Figure 1



DISCONNECT ALL POWER TO THE FREEZER. Failure to follow this instruction may result in electrocution.

To correct rotation on a three-phase unit, interchange any two incoming power supply lines at the freezer main terminal block only.

To correct rotation on a single-phase unit, exchange leads inside the beater motor. (Follow the diagram printed on the motor.)

Electrical connections are made directly to the terminal block provided in the splice box. The splice box is mounted to the base pan on the right side of the Model 8752. The splice boxes are mounted mid-level on the frame channel on the right and left sides for the Models 8756 and 8757.



Electrical connections should be performed by a trained service technician.

Pump Drive Rotation

1. Open the mix cabinet door and remove the air/mix pump assembly(ies).
2. Press the PUMP key on the logic board(s). This will activate the pump motor(s) only.
3. Observe the pump ball crank(s). They should be rotating **counterclockwise**. If not, re-wire the pump drive rotation according to the instructions printed on the motor.

Gear Alignment

To prevent costly parts damage and to prevent excessive mix leakage, the gear unit must be perfectly aligned. To check gear alignment, insert the drive shaft through the rear shell bearing and into the gear unit. Move the drive shaft in and out of the gear unit, using all positions of the hex end. If any binding of the drive shaft occurs, the gear unit could be out of alignment.

Inspect the bolts which mount the gear unit. make sure they are tightened down.

To prevent excessive mix leakage, check the rear shell bearing. The locking tab should be folded over the nut to prevent the nut from working loose.

Mix Level Control

1. Remove the mix tank. Place an empty 16 fl.oz. cup (473 ml.) inside the cabinet, and insert three mix probe rods into the cup.
2. Place the power switch in the "ON" position, and press the AUTO key. The freezer should not operate, and the mix level LED's should be flashing.
3. Fill a second cup with mix or salt water. (Salt water is used to insure good continuity for the mix probes.)
4. Slowly pour the mix or salt water into the empty cup until only the two longest rods of the probe are submerged. At this point, the "MIX OUT" LED will stop flashing.
5. Press the AUTO key. The compressor, beater motor, and the mix refrigeration system should operate. The "MIX LOW" LED will continue to flash.
6. Fill the cup until all three probe rods are submerged. The "MIX LOW" LED will stop flashing and the freezer will continue to operate.
7. Press the AUTO key again, and all freezer operations will be cancelled, including the mix refrigeration system.

Running Specifications

Pressures

Expansion Valve Setting

404A/HP62: 20 to 22 PSI (138 to 152 kPa.) for normal products at temperatures of 18 to 20°F. (-7.8 to -6.7°C.).

Adjust higher or lower by turning the adjustment knob on the automatic expansion valve. Clockwise adjustments will raise the pressure, and counterclockwise adjustments will lower the pressure.

Note: When this adjustment is made, the unit should be in the AUTO mode of operation, and the freezing cylinder should be correctly primed. Allow adequate time for pressure to stabilize.

Low Side Pressure (Compressor)

Low side pressure will equal the expansion valve setting.

High Side Pressure (Compressor)

Air Cooled: High side pressure for an air cooled unit varies depending on the ambient temperature. The following chart indicates normal operating head pressures at various ambient temperatures:

Ambient Temperature		Normal Operating Head Pressures
F.	C.	PSI
70°	21.1°	240 - 270 (1,655 - 1,862 kPa.)
80°	26.7°	270 - 300 (1,862 - 2,069 kPa.)
90°	32.2°	300 - 340 (2,069 - 2,344 kPa.)
100°	37.8°	340 - 380 (2,344 - 2,620 kPa.)

Note: This chart applies to units using 404A refrigerant.

Water Cooled: High side pressure for water cooled units is determined by the water valve. The water valve should be set to maintain a compressor head pressure of 250 - 260 PSI (1,724 - 1,793 kPa.).

Water Valve Adjustment

Penn Valves

Place the gauge on the high side access port of the compressor. Turning the adjustment stem clockwise will lower the pressure. Counterclockwise adjustments will raise the pressure.

Singer Valves

Counterclockwise adjustments lower the pressure. Clockwise adjustments will raise the pressure.

Mix Cabinet Refrigeration

The suction pressure at the compressor should range between 40 - 50 PSI (276 to 345 kPa). The EPR pressures should be 69 PSI.

Air/Mix Pump

The correct range of pressure within the air/mix pump pressure line is:

Cycle On - 24 ± 1 PSI; Cycle Off - 30 ± 1 PSI (165.5 to 206.9 kPa)

Mix Horizon® Pump

The correct range of pressure within the Horizon® pump pressure line is:

Cycle On - 12 ± 1 PSI; Cycle Off - 18 ± 1 PSI (82.7 to 124.1 kPa)

Temperatures

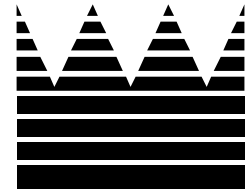
Mix Cabinet Refrigeration

A mix temperature of 38° to 40°F (3.3° to 4.4° C) should be maintained for proper mix storage.

To adjust the mix cabinet temperatures, use the adjustment labeled “MIX” on the logic board. “MIN” indicates the warmest setting (50°F / 9.9°C). “MAX” indicates the coldest setting (36°F / 2.2°C).

Setting the Mix Cabinet Temperature

1. Place a thermometer in the cabinet close to the thermistor probe.
2. Turn the mix adjustment screw clockwise all the way to the “MAX” setting.
3. When the air temperature in the cabinet reaches 30°F to 31°F (-1.1°C), turn the mix adjustment screw counterclockwise until the mix refrigeration cycles off.
4. Allow the mix temperature to stabilize and adjust the setting if necessary.



Section 2: Controls and Systems

- **Logic Board**
- **Power Board**
- **Service Tips for Generation II Boards**
- **Control Overview**
- **The Air/Mix Pump**
- **The Horizon® Mix Pump**
- **Refrigeration Schematic**

Generation II Control Logic Board

The Generation II logic board's primary function is to interpret modes of operation. The board monitors mix levels and temperatures by sending commands to the control's power board. Commands are sent via a ribbon cable, enabling the proper relays on the power board to open or close. (See illustration on page 24.)

Logic Board Terminals

Terminal "MIX 2" (Models 8756, 8756P & 8757)

This terminal is used to tie both logic boards together for activating the mix refrigeration system. A single wire is attached to both terminals. This is necessary because only the left board is responsible for sending power to the mix refrigeration system. When the MIX REF key (left side only) is pressed, or the AUTO or STANDBY keys are pressed on either side, the mix refrigeration system is activated.

Important: This terminal must be connected to another MIX 2 terminal.

WARNING: Do not connect a Generation II logic panel to a Generation I logic panel. They are incompatible!

Terminal "FAN"

This terminal is also used to tie the two logic panels together for a fan/blower operation.

Important: This terminal must be connected to another FAN terminal.

Note: All power cords must be plugged in for proper fan operation.

Terminal "BRL PROBE"

This terminal has a white barrel thermistor probe wire attached to it.

Terminal "MIX 1"

This terminal has the mix cabinet thermistor probe wire (red wire) and a ground wire from the power switch attached to it.

Terminal "CABLE"

This is the socket for cable connection between the logic board and its power board.

IMPORTANT: when attaching the cable to the board, be sure all pins are straight to ensure proper connection into their respective sockets. When the cable is attached to the board, the wires must point away from the board, in the direction of the arrow shown above the word "CABLE." Improper connection of this cable will cause unpredictable operation.

Terminal "DRAW"

This terminal is connected to the microswitch on the draw switch assembly. When closed in the AUTO mode, continuity is formed between ground and this terminal, causing the compressor and the beater motor relays on the power board to close.

Terminal "MIX LOW"

This terminal is used to activate the MIX LOW light. The mix low terminal is connected to the shortest leg of the mix probe (brown wire). When the mix level drops below the short leg, the light will flash.

Terminal "MIX OUT"

The MIX OUT terminal is connected to the medium-length leg of the mix probe (red wire). When the mix level drops below this leg and continuity is lost, the MIX OUT light flashes and all freezer operation is cancelled except the mix cabinet refrigeration and fan.

Note: It may take 3-4 seconds for freezer operation to cancel after the MIX OUT light flashes.

The AUTO mode must once again be activated after the mix is replenished.

Logic Board Dip Switches

When the dip switches point back, they are in the ON position. When the switches are pointing forward, they are in the OFF position.

Relay (dip switch) functions are listed below:

Dip Switch #1

Delays compressor operation for five seconds each time the beater motor starts (auto operation only).

Dip Switch #2

Delays compressor operation for ten seconds each time the beater motor starts (auto operation only).

Switch		Delay Time
1	2	
ON	OFF	5 Seconds
ON or OFF	ON	10 Seconds
OFF	OFF	No Delay (Normal Operation)

Dip Switch #3

Allows the beater motor to continue to operate for five seconds after the compressor has stopped (auto operation only).

Dip Switch #4

Allows the beater motor to continue to operate for ten seconds after the compressor has stopped (auto operation only).

Switch		Extended Run Time
3	4	
ON	OFF	5 Seconds
ON or OFF	ON	10 Seconds
OFF	OFF	No Extended Time (Normal Operation)

Dip Switch #5 (Do not activate on the 8756/ 8757.)

When in the “ON” position, this switch will allow independent operation of condenser fans for the main refrigeration and the cabinet refrigeration system. When in the “OFF” position, this switch allows both condenser fans to operate, regardless of which refrigeration systems are operating.

Note: This switch should remain in the “ON” position on an air-cooled unit.

Example: In an air-cooled unit which uses a fan for the main condenser(s) and a separate fan for the mix condenser, the dip switch should be in the ON position (down).

Example: In a water-cooled unit, which uses a fan for removing interior cabinet heat, and uses a separate fan for the mix condenser, the dip switch should be in the ON position (down).

Dip Switch #6

When in the “OFF” position, this switch allows STANDBY operation. When the switch is placed in the “ON” position, the STANDBY mode is disabled. **The factory default for this switch is the “ON” position.**

Dip Switches #7 & #8

These switches program various beater stir cycles. The chart below indicates stir cycle times for various switch positions.

Switch #7	Switch #8	Stir Duration	Cycle Time
OFF*	OFF	10 sec.	16 min.
OFF	ON	10 sec.	14 min.
ON	OFF	10 sec.	11 min.
ON	ON	10 sec.	5 min.

***Example:** When both switches #7 and #8 are placed in the “OFF” position, the beater will stir product in the freezing cylinder for 10 seconds every 16 minutes.

Thermistor Probes

There are two thermistor probes.

- X31602 – Senses product in the freezing cylinder.
- X36267 – Senses air temperature in the mix cabinet.

Approximate probe resistance readings:

10,000 OHMS at room temperature (77°F/25°C).

30,035 OHMS at hopper/cabinet temperature (35°F/2°C).

38,830 OHMS at shake temperature (26°F/-3.3°C).

The Generation II control maintains product temperature in the freezing cylinder by monitoring the resistance of the “barrel” (freezing cylinder) thermistor probe (part number X31602).

Freezing Cylinder Thermistor Probe Specifications:

Temperature differential cut-in = .5°F (.3°C).

Coarse adjustment range = 15°F to 35°F (-9.4°C to 1.7°C).

Fine adjustment range = 4°F (2.2°C) total.

Coarse adjustment pot 1/4 turn = approximately 6°F (3.3°C).

Set Point L.E.D. – Lights when the temperature is .25°F/.13°C above the Set Point.

Thermistor Curve

When checking a thermistor probe, first determine the present temperature at the probe and find it on this chart along with the approximate correct ohmmeter reading. The ohmmeter reading may vary from the

correct one. Determine whether the difference is acceptable. If a probe is actually faulty, the difference will be great.

F.°	C.°	K OHM
-10	-23.3	118.201
-9	-22.7	114.394
-8	-22.2	110.709
-7	-21.6	107.143
-6	-21.1	103.692
-5	-20.5	100.352
-4	-20.0	97.120
-3	-19.4	94.085
-2	-18.8	91.144
-1	-18.3	88.296
0	-17.7	85.536
1	-17.2	82.863
2	-16.6	80.273
3	-16.1	77.765
4	-15.5	75.334
5	-15.0	72.980
6	-14.4	70.627
7	-13.8	68.350
8	-13.3	66.147
9	-12.7	64.014
10	-12.2	61.951
11	-11.6	59.953
12	-11.1	58.021
13	-10.5	56.150
14	-10.0	54.340
15	-9.4	52.854
16	-8.8	51.409
17	-8.3	50.003
18	-7.7	48.636
19	-7.2	47.306
20	-6.6	46.012
21	-6.1	44.754
22	-5.5	43.530

F.°	C.°	K OHM
23	-5.0	42.340
24	-4.4	41.136
25	-3.8	39.967
26	-3.3	38.830
27	-2.7	37.727
28	-2.2	36.654
29	-1.6	35.612
30	-1.1	34.599
31	-0.5	33.616
32	0	32.660
33	0.5	31.760
34	1.1	30.885
35	1.6	30.035
36	2.2	29.207
37	2.7	28.403
38	3.3	27.620
39	3.8	26.859
40	4.4	26.120
41	5.0	25.400
42	5.5	24.721
43	6.1	24.059
44	6.6	23.416
45	7.2	22.789
46	7.7	22.180
47	8.3	21.586
48	8.8	21.009
49	9.4	20.447
50	10.0	19.900
51	10.5	19.884
52	11.1	18.881
53	11.6	18.392
54	12.2	17.915
55	12.7	17.451

F.°	C.°	K OHM
56	13.3	16.998
57	13.8	16.557
58	14.4	16.128
59	15.0	15.710
60	15.5	15.315
61	16.1	14.929
62	16.6	14.554
63	17.2	14.187
64	17.7	13.830
65	18.3	13.482
66	18.8	13.143
67	19.4	12.812
68	20.0	12.490
69	20.5	12.185
70	21.1	11.888
71	21.6	11.598
72	22.2	11.315
73	22.7	11.039
74	23.3	10.769
75	23.8	10.507
76	24.4	10.250
77	25.0	10.000
78	25.5	9.763
79	26.1	9.532
80	26.6	9.306
81	27.2	9.085
82	27.7	8.870
83	28.3	8.659
84	28.8	8.454
85	29.4	8.254
86	30.0	8.058
87	30.5	7.872
88	31.1	7.691
89	31.6	7.513
90	32.2	7.340
91	32.7	7.171
92	33.3	7.006
93	33.8	6.884
94	34.4	6.686

F.°	C.°	K OHM
95	35.0	6.532
96	35.5	6.386
97	36.1	6.242
98	36.6	6.102
99	37.2	5.966
100	37.7	5.832
103	39.4	5.448
106	41.1	5.096
109	42.8	4.769
112	44.4	4.466
115	46.1	4.184
118	47.8	3.922
121	49.4	3.680
124	51.1	3.454
127	52.8	3.244
130	54.4	3.048
133	56.1	2.866
136	57.8	2.696
139	59.4	2.539
142	61.1	2.391
145	62.8	2.252
148	64.4	2.124
151	66.1	2.004
154	67.8	1.891
157	69.4	1.785
160	71.1	1.687
163	72.8	1.594
166	74.4	1.508
169	76.1	1.427
172	77.8	1.351
175	79.4	1.279
178	81.1	1.212
181	82.8	1.149
184	84.4	1.090
187	86.1	1.034
190	87.8	.982
193	89.4	.932
196	91.1	.886
199	92.8	.842

Temperature Adjustments

Setting Product Temperature:

1. Position the fine adjustment potentiometer at mid-range. This will limit the fine adjustment range to $\pm 2^{\circ}\text{F}$ ($\pm 1.1^{\circ}\text{C}$).
2. Turn the coarse adjustment clockwise to the maximum position.
3. After about 5 minutes of freeze-down time, check the product temperature. When the temperature of the sample portion is approximately 1°F ($.5^{\circ}\text{C}$) above the desired serving temperature, slowly turn the coarse adjustment counterclockwise (towards minimum) until the refrigeration system cycles off.
4. Allow the unit to operate through three refrigeration cycles without a draw.
5. After the third refrigeration cycle off, check the product temperature and make further adjustments, if necessary, to the coarse adjustment.

Note: Due to the sensitivity of the temperature adjustments and the amount of product in the freezing cylinder, it will be easiest to make an adjustment from a warmer temperature to a colder temperature with this control.

To make a colder adjustment, first allow the compressor to cycle off. Then as the coarse adjustment is slowly turned clockwise, (colder), the red SET POINT LED will light to indicate the coarse adjustment has been lowered $.25^{\circ}\text{F}$ ($.13^{\circ}\text{C}$). Continuing to turn the coarse adjustment clockwise (colder) will activate the refrigeration system. This indicates that the temperature setting has been lowered $.5^{\circ}\text{F}$ ($.25^{\circ}\text{C}$).

Mix Adjustment:

The mix setting is the temperature adjustment for the mix cabinet or the mix hopper.

Ideal mix temperature = 38°F (3.3°C) to 40°F (4.4°C).

Cut-out temperature will always be 13°F (7.2°C) (cabinet) lower than the cut-in temperature.

The range for cut-in temperature is "MIN" approximately 52°F (11.0°C) and "MAX" approximately 36°F (2.2°C).

Setting the Mix Cabinet Temperature:

1. Place a thermometer in the cabinet close to the thermistor probe.
2. Turn the mix adjustment screw clockwise all the way to the "MAX" setting.
3. When the air temperature in the cabinet reaches 30°F to 31°F (-1.1°C), turn the mix adjustment screw counterclockwise until the mix refrigeration cycles off.
4. Allow the mix temperature to stabilize and adjust the setting if necessary.

Power Board

The logic board commands the power board to send L1 power through various relay points to operate corresponding components. The “OL” terminal on the power board sends power to the following relays:

- Portion Relay
- Spinner Relay
- Compressor Relay
- Beater Motor Relay
- Pump Relay

The L1 terminal supplies power to the fan relay and to the mix compressor relay. (See illustration on page 24.)

Service Tips for Generation II Boards

Initial Service Tips

1. Check all connections.
2. Check the cable to verify that it is secure.
3. Verify that all pins are securely fastened in their sockets.
4. Verify that all cables correctly face away from the boards. If the cable is attached incorrectly, damage to the logic board will occur. Air/mix pump and beater motor operation will be disabled.
5. Verify probe resistance.
6. Use the self-test program.

Self-Test Program

The Generation II controls are programmed for a self-test. The control can be used to help identify problems in the power board, the logic board, and the thermistor probes. The self-test program is not intended to, and will not take the place of a reasonable, and prudent service technician.

The self-test program is divided into two sections. The first section is an automatic function of the micro processor and the second section is performed by the technician.

The self-test program is initiated by holding down the MIX, WASH, AND PUMP keys on the logic panel while simultaneously turning on the power switch. Hold down the keys until all eight lights illuminate. If all eight lights do not illuminate, the control is defective. If the self-test cannot be initiated, the control is defective.

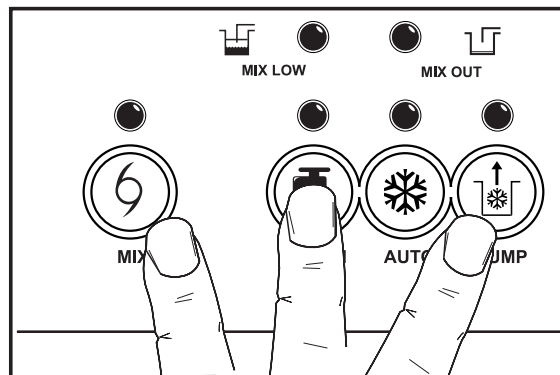


Figure 2

Each light corresponds with a particular relay. The light on the panel will not extinguish until the test is completed for that particular relay.

Logic Panel Light	Corresponding Relay
MIX LOW	Mix Relay
MIX OUT	Fan Relay
MIX	Pump Relay
STANDBY	Beater Motor Relay
WASH	Compressor Relay
AUTO	Spinner Relay
PUMP	Portion Relay

In each of the tests the relay on the power board will close and the component will operate for three seconds. There is a ten second delay between each check.

When the self-test is initiated, all eight lights will remain on for three seconds. At this time, the processor will begin to check the power board relays as follows:

1. The SET POINT light turns off.
2. Ten seconds after the SET POINT light turns off, the mix relay closes for three seconds.
3. The mix relay opens and the MIX LOW light turns off.
4. Ten seconds later, the fan relay closes.
5. Three seconds later, the fan relay opens and the MIX OUT light turns off.
6. Ten seconds later, the pump relay closes.
7. Three seconds later, the pump relay opens and the mix light turns off.

8. Ten seconds later, the beater motor relay closes.
9. Three seconds later, the beater motor relay opens and the STANDBY light turns off.
10. Ten seconds later, the compressor relay closes.
11. Three seconds later, the compressor relay opens and the wash light turns off.
12. Ten seconds later, the spinner relay closes.
13. Three seconds later, the spinner relay opens and the AUTO light turns off.
14. Ten seconds later, the portion relay closes.
15. Three seconds later, the portion relay opens and the PUMP light turns off.
16. All lights are off and a tone sounds for three seconds. This designates the end of the first section.

If all or most of the power board relays fail to close, the logic panel is defective. If only one relay fails to close, the power board is defective. This test can be used to determine if a problem exists with the logic panel, the power board, or elsewhere in the freezer. In other words, if during the test the beater relay closes on the power board, but the beater motor contactor does not operate, the problem occurs after the command reaches the power board.

Self-Test - Part II

When the first section of the self-test is complete, the control will advance to the starting point of the second section. The technician will have to complete this portion of the test. The first part of this section verifies the function of the control potentiometers (adjustment screw).

During this test, the MIX, STANDBY, WASH, AUTO, and PUMP lights function in direct relationship with the "MIN" and "MAX" adjustments of the potentiometer. In other words, when the adjustment screw is turned all the way to "MIN", the MIX light will be lit. When the adjustment is turned all the way to "MAX", the PUMP light will be lit. If the screw adjustment is made between the "MAX" and the "MIN" adjustment, one of the other lights will illuminate depending on the adjustment. These lights create a bar graph which is directly related to the product temperature. "MIX" is warm and "PUMP" is cold.

1. The SET POINT light is lit, indicating that the control is reading the shake temperature potentiometer.
2. Rotate the adjustment screw back and forth from "MIN" to "MAX". The bar graph should travel accordingly. This indicates that the potentiometer is functional.

If the bar lights do not react, the logic panel is defective.

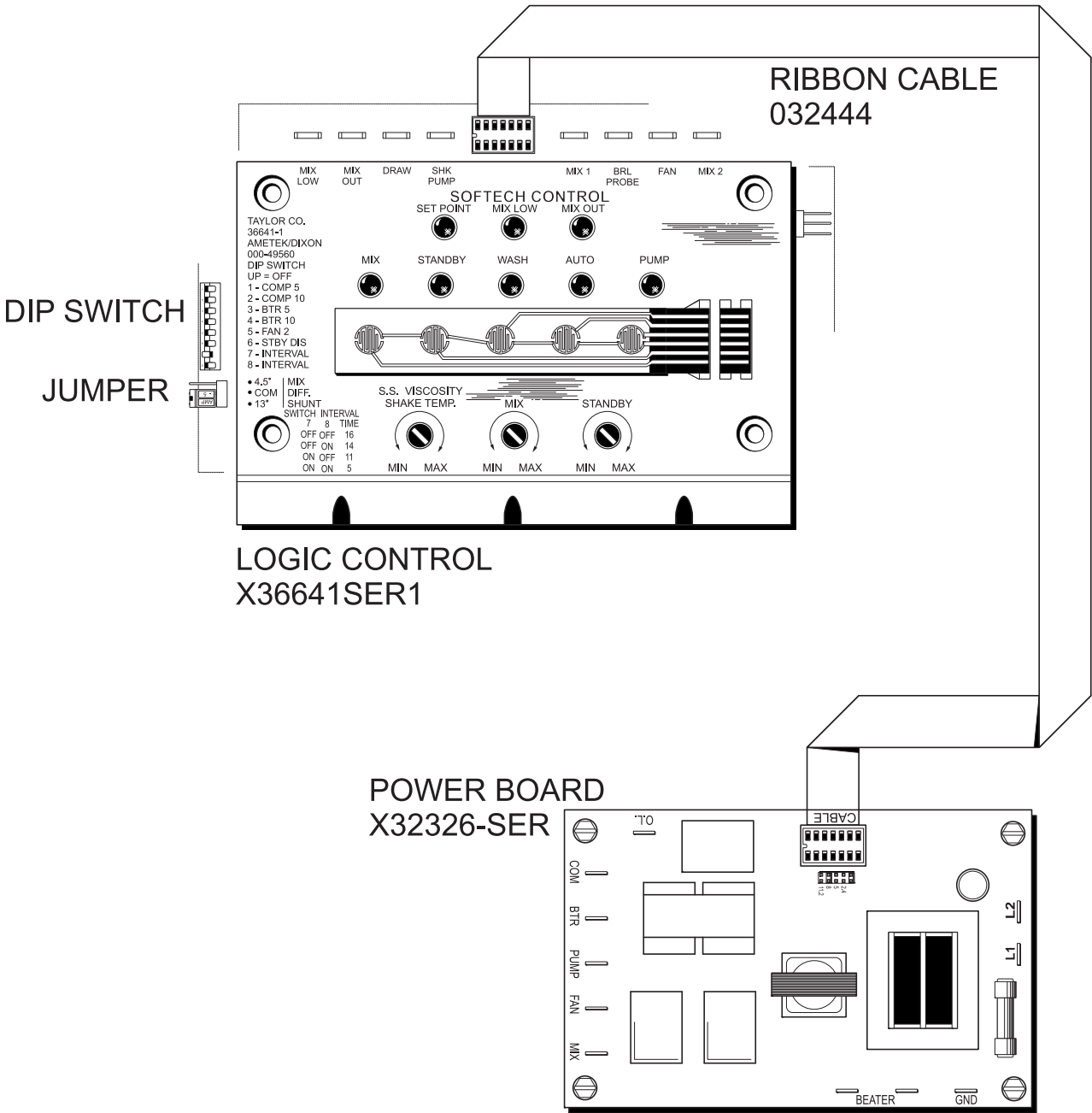


Important: If the freezer's controls have been set previously, return the adjustment to its original position. For example, if the WASH light was lit before an adjustment screw was rotated, before going to the next step, rotate the adjustment screw until the WASH light is lit again.

3. Press the MIX key once.
4. The MIX LOW light is lit, indicating that the control is reading the MIX potentiometer.
5. Rotate the adjustment screw as in Step 2.
6. Press the MIX key once.
7. The MIX OUT light is on, indicating the control is reading the STANDBY potentiometer.
8. Rotate the adjustment screw as in Step 2.
9. Press the MIX key once.
10. The SET POINT, MIX LOW, and MIX OUT lights are lit. The control is now reading the temperature fine adjustment. Rotate the adjustment screw as in Step 2.
11. Press the MIX key once.
12. The MIX LOW light is lit, indicating that the control is reading the "MIX 1" terminal.

13. The capability of this terminal to read the thermistor probe can be checked by the following method:
 - a. Remove the thermistor probe wire from the "MIX 1" terminal.
 - b. Connect the "MIX 1" terminal directly to ground (simulating a warm probe). The MIX light will illuminate.
 - c. Remove the terminal connection from ground (simulating a cold probe). The PUMP light will illuminate.If the lights do not react, the panel is defective.
14. Press the MIX key once.
15. The MIX OUT light is lit, indicating that the control is now reading the BARREL (freezing cylinder) probe terminal.
16. Check the freezing cylinder probe (as in Step 13) by removing the wire from the panel.
17. Press the MIX key again, and the self-test program is terminated.

Control Overview



Air/Mix Pump

Function

To pump the correct combination of air and mix into the freezer. This process allows for reliable overrun adjustment control.

Overrun

Standard overrun is 50%, however, to achieve lower or higher overrun percentages, standard pump components must be changed.

Operation

1. The pump forces mix into the freezing cylinder.
2. As the draw handle is pulled, mix is driven from the freezing cylinder.
3. The pump forces additional mix into the freezing cylinder to replace the mix which was drawn when the draw handle was pulled.

There must be a balance between the amount of mix pumped into the freezing cylinder and the amount of mix taken out of the cylinder.

The adjustment screw on the draw handle dictates the speed at which the mix is released from the freezing cylinder. If the draw rate is set too fast, a larger amount of space will be created in the cylinder, allowing more

room for additional liquid mix. Blending an excessive amount of liquid mix with the product that is already frozen in the cylinder will not produce a desirable product. Therefore, setting the draw speed faster than the recommended setting will result in sloppy product.

Recommended Delivery Rate

5 to 7-1/2 ounces of product should be drawn in 10 seconds.

Standard Pump Speed

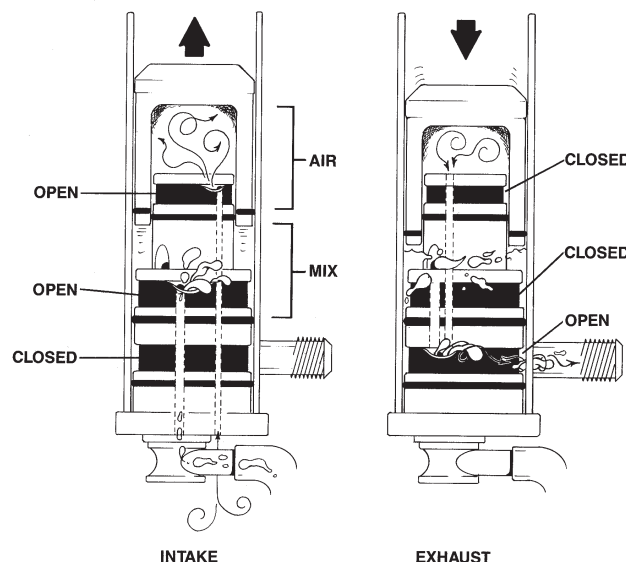
52 RPM (60 cycle units)

Spring and Poppet

The air/mix pump includes a spring and poppet. In the event that the pressure in the freezing cylinder raises above 30 psi, the spring and poppet provides pressure relief.

Pump Disable Function

When the unit is in the STANDBY mode and the AUTO key is pressed, the air/mix pump will be disabled until the unit has cycled off on viscosity.



Horizon® Mix Pump

Function

To provide an easy to clean freezer with reliable overrun adjustment control and the ability to dispense higher butterfat or fruit products with pulp.

Overrun

It is strongly recommended that the customer does **not** adjust the flow meter to alter overrun. Overrun is directly dependent on the type of mix used and its capability to incorporate air.

Operation

1. The pump forces mix into the freezing cylinder.
2. As the draw handle is pulled, mix is driven from the freezing cylinder.
3. The pump forces additional mix into the freezing cylinder to replace the mix which was drawn when the draw handle was pulled.

There must be a balance between the amount of mix pumped into the freezing cylinder and the amount of mix taken out of the cylinder.

The adjustment screw on the draw handle dictates the speed at which the mix is released from the freezing

cylinder. If the draw rate is set too fast, a larger amount of space will be created in the cylinder, allowing more room for additional liquid mix. Blending an excessive amount of liquid mix with the product that is already frozen in the cylinder will not produce a desirable product. Therefore, setting the draw speed faster than the recommended setting will result in sloppy product.

Recommended Delivery Rate

1/2 to 3/4 ounce of product should be drawn per second.

Standard Pump Speed

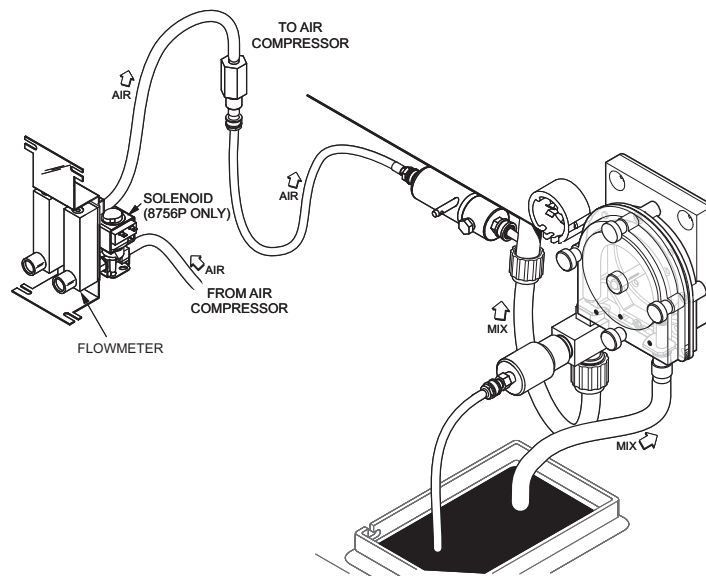
162 RPM

Check Valve Assembly

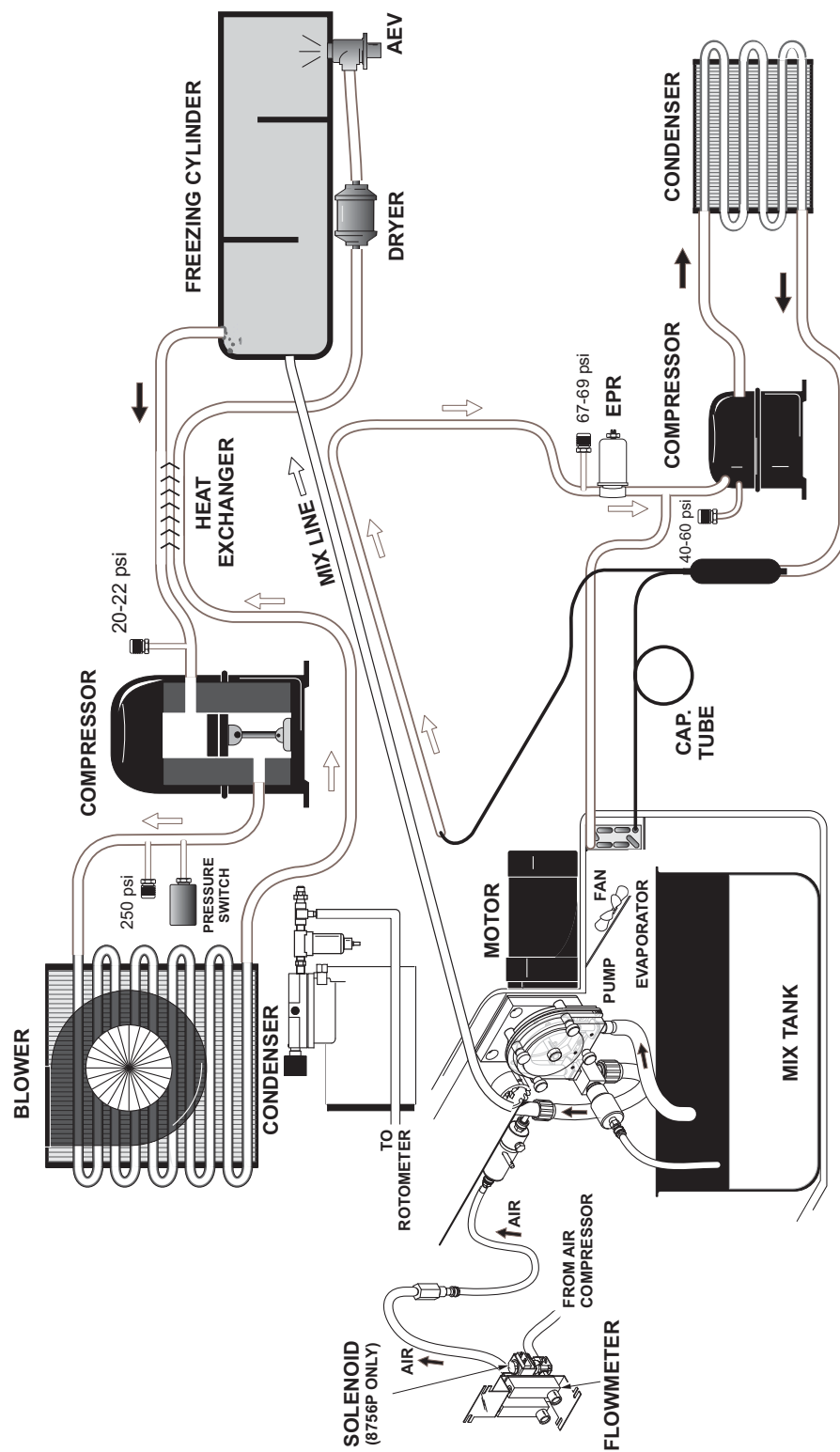
A spring and poppet are included in the check valve assembly.

Pump Disable Function

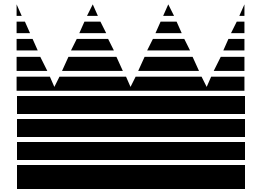
When the unit is in the STANDBY mode and the AUTO key is pressed, the air/mix pump will be disabled until the unit has cycled off on viscosity.



Refrigeration/Air System for Horizon® Schematic



This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and extend across the width of the page. There are no margins, text, or other markings on the paper.



Section 3: Troubleshooting

- **General Troubleshooting**
- **Standard Air/Mix Pump Troubleshooting**
- **Horizon® Pump Troubleshooting**
- **Electrical Troubleshooting**
- **Bacteria Troubleshooting**

General Troubleshooting Guide

PROBLEM	PROBABLE CAUSE	REMEDY
1. No product is being dispensed.	a. Freeze-up in the mix inlet tube (mix cabinet temperature is too cold.) b. Beater motor is out on reset. c. Beater is rotating counter-clockwise when viewed from the operator end. d. Circuit breaker is off or the fuse is blown. e. Inadequate mix level in mix cabinet. f. The door port is plugged.	a. Adjust the mix cabinet temperature. b. Reset the freezer. c. The beater should be rotating clockwise when viewed from the operator end. d. Turn on breaker or replace fuse. e. Fill the mix reservoir with mix. f. Inspect the unit for worn scraper blades, a bent beater assembly or worn rear shell bearing.
2. Product is too stiff.	a. The viscosity control is set too cold. b. Incorrect mix is being used. c. Evaporator is starved.	a. Correctly adjust viscosity using the adjustment screw located on the face of the logic panel. b. Use the proper mix. c. Check air/mix pump or mix refrigeration system for a frozen mix inlet tube.
3. Product is too soft.	a. Refrigerant shortage. b. Not enough air space. c. Worn scraper blades. d. Dirty condenser (A/C units). e. Out of date mix. f. Loss of water (W/C units).	a. Repair leak and recharge. b. Allow for adequate air flow across the condenser. c. Replace blades regularly. d. Clean the condenser monthly. e. Use only fresh mix. f. Locate cause of water loss, and repair.
4. Mix in mix cabinet is too cold.	a. Temperature out of adjustment.	a. Adjust the mix cabinet temperature.
5. The mix cabinet temperature is too warm.	a. Temperature out of adjustment. b. Missing or defective mix cabinet gasket. c. Faulty evaporator fan. d. Refrigerant shortage.	a. Adjust the mix cabinet temperature. b. Replace or install a gasket around the mix cabinet door. (The non-magnetic side of the gasket should be placed on the hinge side of the door). c. Replace the fan. d. Repair leak and recharge.

PROBLEM	PROBABLE CAUSE	REMEDY
6. The drive shaft is stuck in the drive coupling.	a. Rounded corners of drive shaft, coupling, or both. b. Misaligned gear reducer.	a. Correct the cause and replace the necessary components. Do not lubricate the hex end of the drive shaft. b. Align the gear reducer using an alignment tool.
7. The freezing cylinder walls are scored.	a. The scraper blades are not installed over the beater pins, or the pins on the beater are broken. b. The beater assembly is bent. c. The front bearing is worn or missing. d. Misaligned gear reducer.	a. Install the blades over the pins on the beater, or repair the beater assembly. b. Repair or replace the beater, and correct the cause of insufficient mix in the freezing cylinder. c. Install or replace the front bearing. d. Align the gear reducer using an alignment tool.
8. Excessive mix leakage into the rear drip pan.	a. Worn or missing drive shaft seal. b. Inadequate lubrication of the drive shaft seal. c. The rear shell bearing is worn. d. The drive shaft works forward. e. The seal is installed inside-out on the drive shaft. f. The wrong type of lubricant is being used (example: petroleum base lubricant).	a. Replace the seals regularly. b. Lubricate properly. c. Replace the rear shell bearing. d. The gear unit may be out of alignment. Re-align the gear unit. e. Install correctly. f. Use the proper lubricant (example: Taylor Lube).
9. Excessive mix leakage from the door spout.	a. The draw valve o-rings are either missing or worn. b. There is inadequate lubrication on the draw valve o-rings. c. The wrong type of lubricant is being used (example: petroleum base lubricant).	a. Replace the o-rings regularly. b. Lubricate properly. c. Use the proper lubricant (example: Taylor Lube).

PROBLEM	PROBABLE CAUSE	REMEDY
10.No freezer operation after pressing the AUTO key.	a. The unit is unplugged. b. The circuit breaker is off, or there is a blown fuse. c. The beater motor is out on reset. d. "MIX OUT" light is lit. e. The high pressure switch has been activated. (High head pressure.)	a. Plug unit into a wall receptacle. b. Turn the circuit breaker on, or replace the fuse. c. Reset the freezer. d. Replenish the mix supply. Check mix probe operation. e. See problem #11 below.
11.High head pressure.	a. System is overcharged. b. Air is in the system. c. Insufficient air space surrounding the unit. d. Dirty condenser (A/C units). e. Water supply is off or is restricted (W/C units). f. Faulty blower or relay. g. Faulty power board.	a. Charge per the data label. b. Discharge, evacuate, and recharge the system. c. Allow for adequate air flow across the condenser. d. Clean the condenser monthly. e. Turn on the water supply or repair the restriction. f. Repair or replace the blower or relay. g. Check the left side power board FAN relay.
12.Low head pressure.	a. Refrigerant shortage. b. Damaged discharge valve in the compressor. c. Water valve is out of adjustment or is stuck in the open position.	a. Repair leak and recharge. b. Replace the compressor. c. Adjust or replace the valve.
13.Compressor will not operate.	a. Faulty compressor contactor. b. Faulty power board. c. Compressor has burnt out.	a. Replace the contactor. b. Replace the power board. c. Replace the compressor.

Air/Mix Pump Troubleshooting Guide

PROBLEM	PROBABLE CAUSE	REMEDY
1. Air/mix pump will not operate when the PUMP key is pressed.	a. Circuit breaker is out. b. Power cord is unplugged. c. The freezer is out on reset. d. The pump motor is out on reset.	a. Check the breaker. b. Plug in the power cord. c. Reset the freezer. d. Press the PUMP key to cancel pump operation. Press the reset button on the side of the pump motor reducer. Press the PUMP key to continue pump operation.
2. The piston travels up and down, but product is not being pumped.	a. The check bands are worn, torn or not installed correctly. b. O-rings are worn, torn or not installed correctly. c. Piston and liquid valve body must be assembled correctly and fit snugly in the pump cylinder. d. Missing or defective spring and poppet.	a. Inspect and replace check bands as needed. b. Inspect and replace o-rings as needed. c. Check the pump cylinder. d. Replace the spring and poppet.
3. Pitting is occurring inside the pump cylinder.	a. Sanitizer was left inside the pump cylinder.	a. After sanitizing the pump cylinder, allow it to air dry. Follow disassembly procedures carefully.
4. The ball crank of the motor reducer is broken.	a. Incorrect rotation of the pump motor.	a. Re-wire the pump motor.
5. Too much pressure in the freezing cylinder.	a. Plugged relief hole in the liquid valve body below the poppet.	a. Clean the internal passage.
6. Not enough pressure in the freezing cylinder.	a. Weak or bent spring in the liquid valve body. b. Malfunctioning draw switch. c. Missing poppet. d. Frozen mix inlet tube. e. Malfunctioning pump switch.	a. Replace spring. b. Replace the draw switch. c. Install poppet. d. Install the mix cabinet door gasket properly, or replace the door gasket or the evaporator fan. e. Replace the switch.

Horizon® Pump Troubleshooting Guide

PROBLEM	PROBABLE CAUSE	REMEDY
1. The Horizon® pump does not operate.	a. The pump motor is not activated. b. Defective Horizon® pump pressure switch. c. The pressure switch diaphragm was installed incorrectly or was missing.	a. Place the power switch in the OFF position. Push the reset button on the pump drive motor. Return the power switch to the ON position. (On the Models 8756/8756P/8757, press the AUTO keypad for the opposite freezing cylinder also.) b. Replace the pressure switch. c. The diaphragm must be correctly installed.
2. The Horizon® pump does not pump.	a. The roller is loose.	a. Reposition and tighten the set screw.

Electrical Troubleshooting Guide

Modes of Operation

COMPONENT	MODES OF OPERATION				
	AUTO	WASH	PUMP	STANDBY	MIX/REF
Compressor	X			X	
Beater Motor	X	X		X	
Fan	X			X	
Mix Cabinet Compressor	X			X	X
Pump Motor	X		X		

Following are the paths of power necessary for component operation.

Paths of Power

Compressor Contactor Coil

L1 – fuse – power switch – reset switch – high pressure switch – power board relay – compressor contactor coil.

Beater Motor Contactor Coil

L1 – fuse – power switch – reset switch – high pressure switch – power board relay – beater motor contactor coil.

Fan Relay Coil (Air Cooled Units Only)

L1 – fuse – power switch – power board relay – fan relay coil.

Mix Cabinet Compressor

L1 – fuse – power switch – power board relay – mix cabinet compressor.

Pump Motor

L1 – fuse – power switch – reset switch – high pressure switch – power board relay – pump pressure switch – pump motor.

Bacteria Troubleshooting

Periodic product sampling is taken by a sanitarian. Bacteria counts should not exceed the following figures:

Standard Plate Count (SPC).....50,000
Coliform.....10

If the counts exceed the numbers listed, steps should be taken to locate the cause. Failure to solve the high counts will result in an unsafe product for consumption.

Educate the operator about how to prevent high bacteria counts.

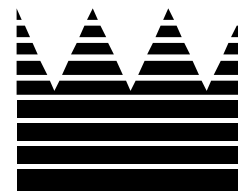
Note: High bacteria counts in soft serve *yogurt* is normal and necessary. Coliform, however, cannot be accepted in any product. The following information will help solve high coliform count problems.

If sample results indicate a problem, one of these areas may be a source of contamination.

CAUSE OF CONTAMINATION	PREVENTION
1. Human contamination.	a. Wash hands and arms past elbows. b. Wear rubber gloves if cuts or skin conditions exist. c. Wash hands periodically throughout the day.
2. Residue product deposits on mix contact surfaces (milkstone build-up).	a. Provide the proper brushes. b. Brush clean all parts and components thoroughly. Ignoring this will allow formation of milkstone, a porous substance which will house bacteria and can lead to contamination of fresh mix.
3. Worn, damaged, or cracked parts.	a. Provide a food grade lubricant (Example: Taylor Lube). b. Inspect o-rings for holes or tears. O-rings, seals and other wear items must be supplied by the freezer company to meet food industry standards. c. During the operating hours, periodically inspect the rear drip pan for excessive leakage.
4. Improper cleaning and sanitation procedures.	a. For cleaning procedures, scrub the sink and strainers thoroughly before each use. The level of solution in each basin must allow the largest component to be submerged. Sanitize and prime the freezer prior to freezing the product. After sanitizing a freezer, use fresh mix to flush remaining sanitizer from the freezing cylinder. b. Provide the proper brushes, lubricants, and single service towels. c. Store sanitizer in a cool, dry place. Use chemicals according to their labels.

CAUSE OF CONTAMINATION	PREVENTION
4. Improper cleaning and sanitation procedures (Continued).	d. Use a few good employees to follow the cleaning procedure correctly and consistently. Allow the employee uninterrupted time to complete the cleaning procedure. e. Hold sanitizing solution in the hopper and the freezing cylinder for five minutes. f. Wash and sanitize the tube of lubricant; after each use, always recap the tube. g. Parts, components, and brushes should be air-dried overnight. Never store the equipment in the storage cooler. h. Do not neglect daily cleaning practices: wipe the external areas of the freezer periodically throughout the day, remove the design caps and sanitize the area, check the drip trays and splash shield.
5. Mix stored improperly.	a. Rotate stock to use older date code mix first. Shelf life of mix is normally 10 days. b. Mix must never be stacked outside or under direct sunlight while waiting to be placed in the cooler. c. Place the mix directly in the cooler. Always leave one inch between the mix and other products to allow air to circulate around the product. d. Mix must not remain at room temperature for long periods of time. e. Hopper storage must maintain a temperature of 40°F. (4.4°C.). Storage temperatures above 45°F. will allow cell division in as little as one hour. f. Once the mix is placed in the hopper, covers must be properly installed to maintain adequate refrigeration and to prevent airborne contaminants from entering the mix.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



Section 4: Parts

- **Warranty Explanation**
- **Exploded Views**
- **Parts List**
- **Wiring Diagrams**

Warranty Explanation

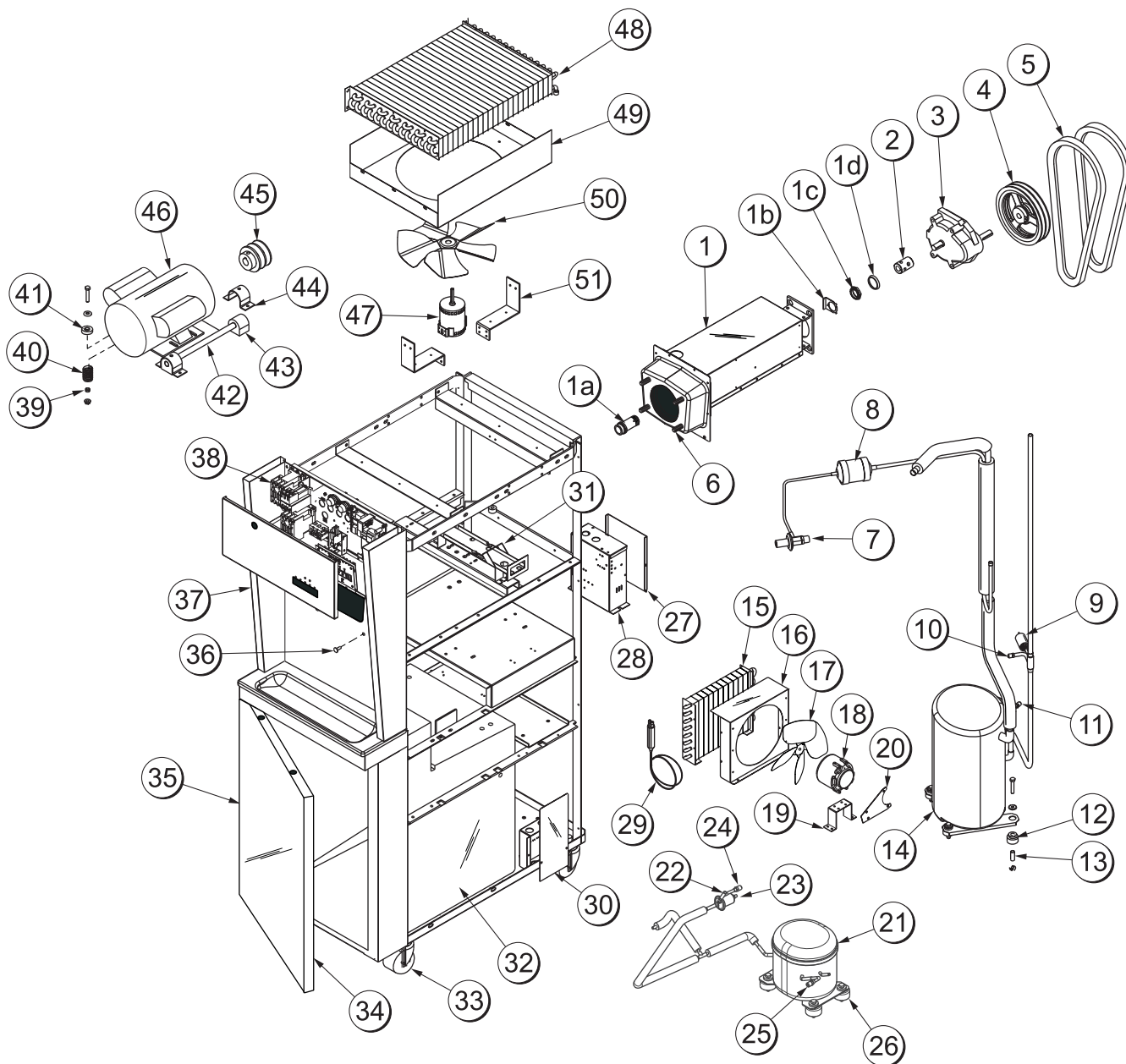
- Class 103 Parts:** The warranty for new equipment parts is one year from the original date of unit installation, with a replacement parts warranty of three months.
- Class 212 Parts:** The warranty for new equipment parts is two years from the original date of unit installation, with a replacement parts warranty of twelve months.
- Class 512 Parts:** The warranty for new equipment parts is five years from the original date of unit installation, with a replacement parts warranty of twelve months.
- Class 000 Parts:** Wear Items - no warranty.

CAUTION: Warranty is valid only if required service work is provided by an Authorized Taylor Service Technician.

NOTE: Taylor reserves the right to deny warranty claims on equipment or parts if a non-approved refrigerant was installed in the machine, system modifications were performed beyond factory recommendations, or it is determined that the failure was caused by neglect or abuse.

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

8752/8752P Exploded View



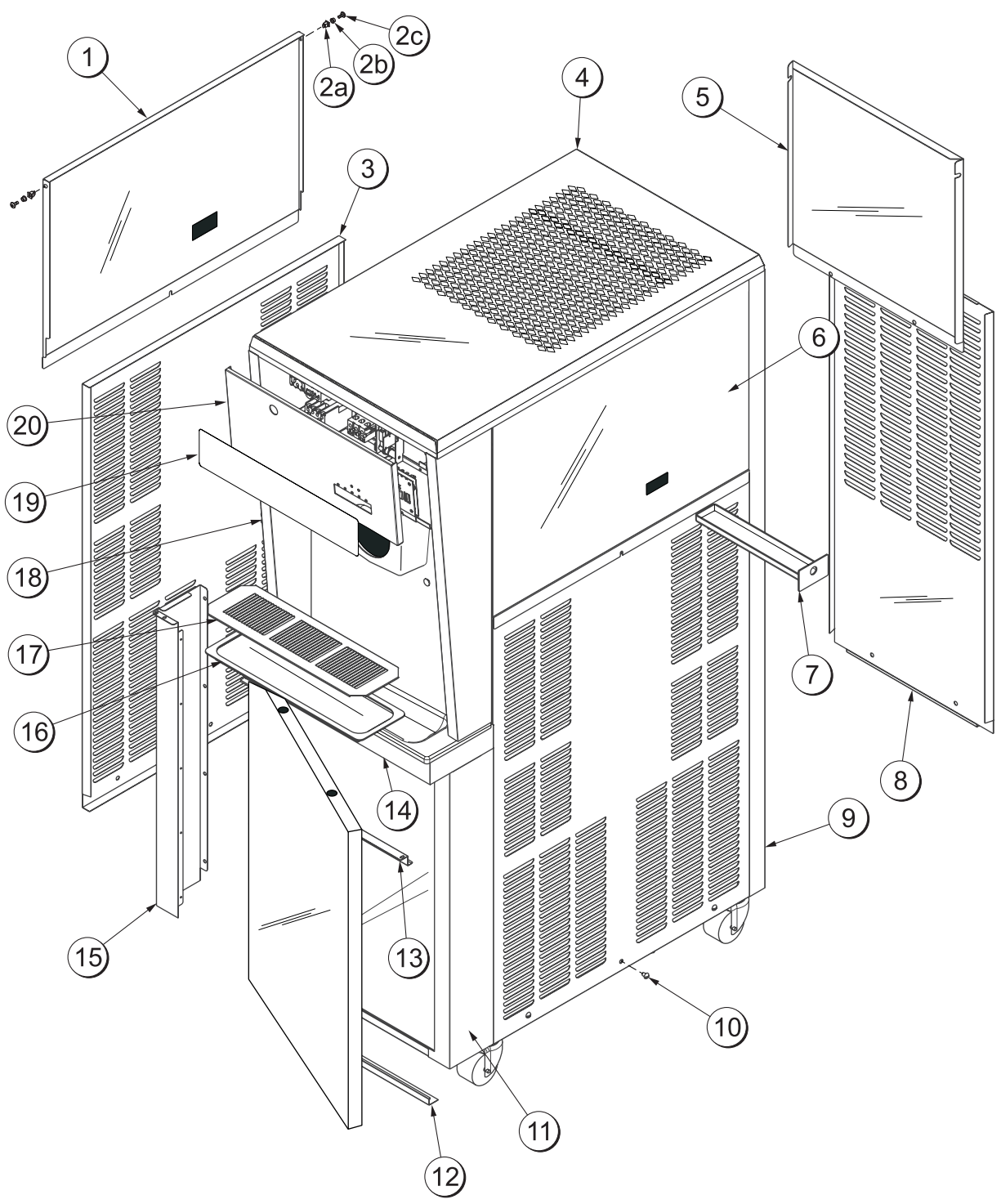
8752/8752P Exploded View Parts Identification

ITEM	DESCRIPTION	PART NO.
1	SHELL A.-INSULATED	X24369
1a	BEARING-REAR SHELL	031324
1b	WASHER-BEARING LOCK	012864
1c	NUT-BRASS BEARING	028991
1d	GUIDE-DRIP SEAL	028992
2	COUPLING-DRIVE 3/4 HEX X 1-7	012721
3	GEAR A.*REDUCER 4.21:1	021286
4	PULLEY-2AK74-5/8	027822
5	BELT-AX35	022848
6	STUD-NOSE CONE	022822
7	VALVE-EXP-AUTO-1/4S X1/4 FPT	046365
8	DRYER-FILTER-HP62-3/8 X 1/4S	048901
9	SWITCH-PRESSURE 405 PSI	052663
10	VALVE-ACCESS-1/4 FL X 1/4	044404
11	VALVE-ACCESS-1/4 MFLX1/4 S-9	047016
12	GROMMET-COMPRESSOR MT	039919
13	SLEEVE-MOUNTING-COMP-AE	039920
14	COMPRESSOR CS18K6E-PFV	052397-
15	CONDENSER-AC-9X8 -2 ROW	029797
16	ENCLOSURE-FAN	030955
17	FAN-5 BLADE 7 " PUSH 30DEG	016289
18	MOTOR-FAN 9 WATT 1550RPM	012768-
19	BRACKET-FAN	048524
20	SHIELD-FAN CORD	050337
21	COMPRESSOR AEA0415ZXD-AE	048627-
22	TEE-1/4 BARB PLAS.	016598
23	VALVE-EPR 1/4	022665
24	VALVE A.-ACCESS	X49653
25	VALVE-ACCESS 1/4FL X 3/8	044455
26	KIT-MOUNTING-COMPRESSOR	052197
27	COVER-CAP. RELAY BOX	030315

ITEM	DESCRIPTION	PART NO.
28	BOX A.-CAP&RELAY	X52670-
29	DRYER-TWO CAP.TUBES	049346
30	COVER-SPLICE BOX	049812
31	GUIDE A.-DRIP PAN	X28603
32	CABINET A.-INSULATED - HORIZON (SEE PG. NO TAG)	X52587-
	CABINET A.-INSULATED - STANDARD (SEE PG. 46)	X50456
33	CASTER-SWV-3/4-10 ST. 3IN WH	021279
34	GASKET-MIX DOOR	020134
35	DOOR A.-INS.	X22178
36	BOLT-CARRIAGE 1/4-20 X 3/4ST	012347
37	PANEL A.-FRONT	X22997
38	CONTROL A. (SEE PG. 54)	X33484-
39	CAP-RUBBER MOUNT	011844
40	SPRING-COMP.970X.115X2.00	025707
41	GROMMET-7/16 X 5/16 SHOCK	016212
42	HINGE A.-MOTOR	X28094
43	BUSHING-MOUNTING RUBBER	012258
44	CLAMP-MOUNTING	012257
45	PULLEY-2AK25 X .6255-.6265 - HORIZON	021076
	PULLEY-2AK22X.625-.6265- STANDARD	016403
46	MOTOR-1.5 HP	021522-
47	MOTOR-FAN 80 WATT 1550 RPM	051744-27
48	CONDENSER-AC-18LX14H-3R	048629
49	ENCLOSURE-FAN	049805
50	FAN-5 BLADE 12" PUSH 32DEG	047279
51	BRACKET-FAN MOTOR	049807
*	COMPRESSOR A.-AIR HORIZON UNIT ONLY (SEE PG. 53)	X52378-

*NOT SHOWN

8752/8752P Panels

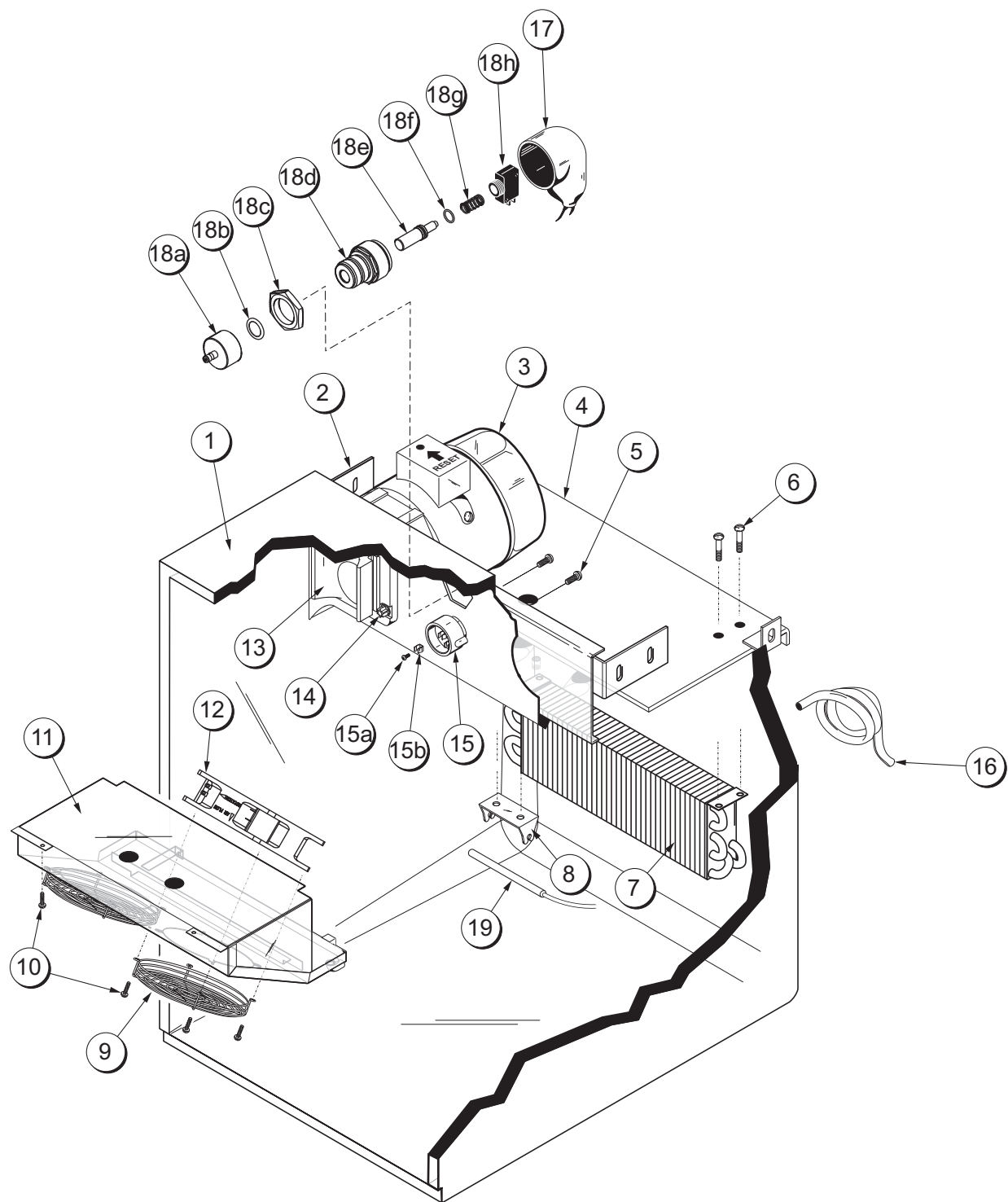


8752/8752P Panel Parts Identification

ITEM	DESCRIPTION	PART NO.
1	PANEL-UPPER SIDE L.	028599
2a	NUT-EXPLANSION-PLASTIC	025432
2b	WASHER-PLASTIC PIVOT	013808
2c	SCREW-10-24X1/2 TAPTITE	002077
3	PANEL A.-LOWER SIDE	X23956
4	HOOD	050464
5	PANEL-UPPER REAR	022074
6	PANEL-UPPER SIDE R.	028600
7	PAN A.-DRIP	X23008
8	PANEL-LOWER REAR	025128
9	TRIM-CORNER	022071
10	SCREW-1/4-20 X 3/8 RHM SS	011694

ITEM	DESCRIPTION	PART NO.
11	TRIM-FRONT R.	024825
12	TRIM-BOTTOM MIX DOOR	024974
13	TRIM-MIX DOOR	024976
14	TRIM A.-SHELF	X20426
15	TRIM-FRONT L.	024824-SP
16	TRAY-DRIP 22-7/8L X 5-1/8W	020157
17	SHIELD-SPLASH 23 L	022765
18	PANEL A.-FRONT	X22997
19	DECAL-DEC	033227
20	PLATE-DEC 8752 *MC*	033347

8752 Mix Cabinet A. X50456-



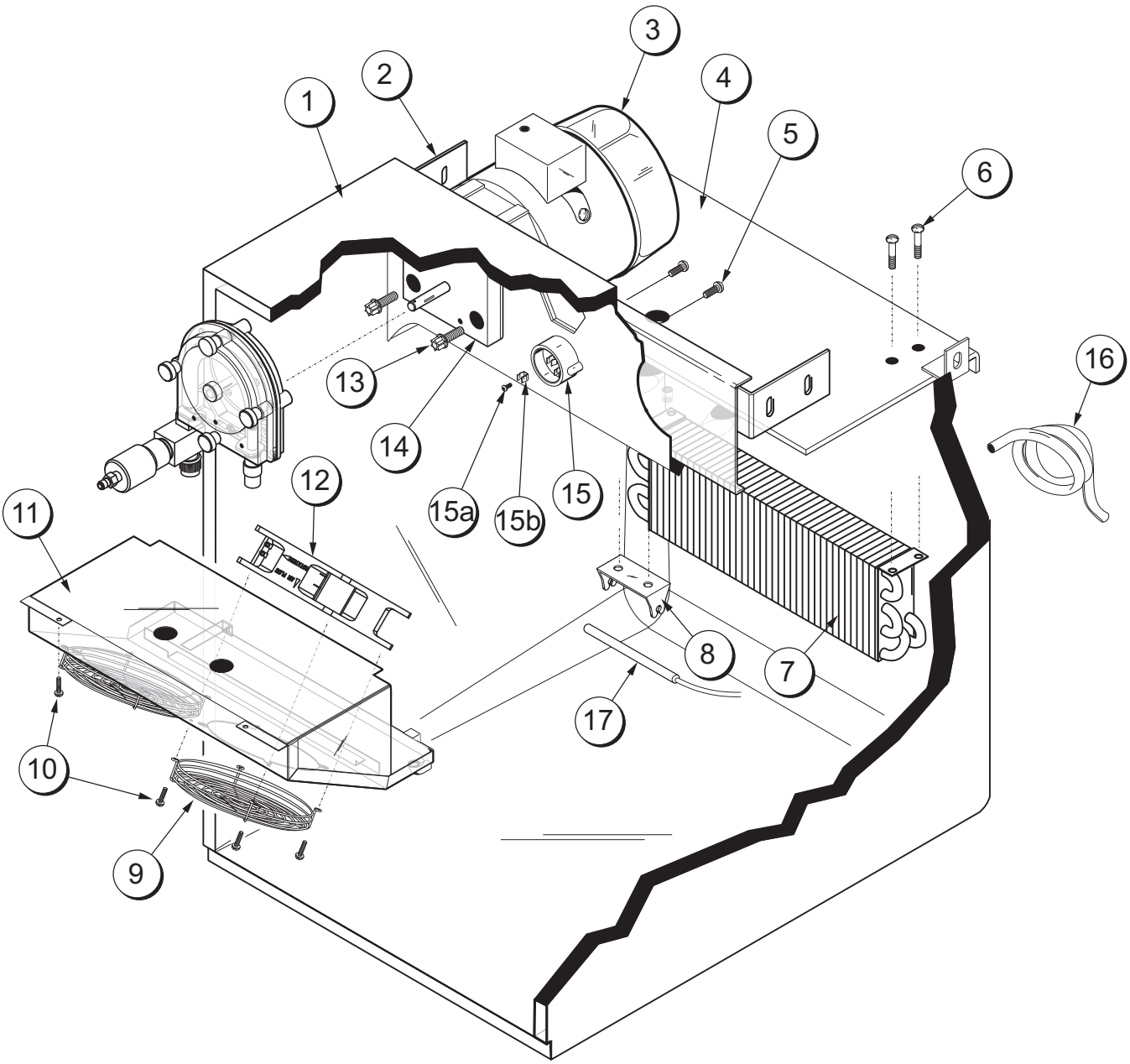
8752 Mix Cabinet A. Parts Identification

ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED MIX	X21989
2	SUPPORT A.-PUMP	X32700
3	MOTOR-REDUCER 54 RPM-SS	030913-
4	SUPPORT A.-EVAPORATOR	X22712
5	SCREW-6-32X1/2 BINDER HD	022667
6	SCREW-10-32X1 RHM ZP	004455
7	EVAPORATOR-12L X 4H X 1-7/8	X30939
8	BRACKET-THERM. PROBE	033745
9	GUARD-FAN	028534-1
10	SCREW-6 X 1/2 TYPE A - SS	022427
11	SHROUD A.-EVAP-HP62	X49124
12	MOTOR-FAN	062253-
13	ADAPTOR-PUMP-CABINET	024259
14	SCREW-5/16-18 X 1 TORX HD	022375
15	SOCKET A.-PROBE	X36615
15a	SCREW-5-40x1/4 SOCKET CAP	037843

ITEM	DESCRIPTION	PART NO.
15b	CLIP-BALL CONNECTOR	035813
16	TUBE-VINYL 1/4ID X 1/16WALL	020941-
17	WIRE A.- PRESSURE	X32663
*17a	BOOT-SWITCH-PRESSURE	032624
18	SWITCH A.-PRESSURE	X32660
18a	CAP-PRESSURE SWITCH	032635
18b	DIAPHRAGM-PRESSURE SWT	020249
18c	NUT-PANEL PRESS SWT	032637
18d	BODY-PRESSURE SWITCH	032633
18e	PISTON-PRESSURE SWITCH	032634
18f	O-RING-1/2ID X 5/8 OD	017998
18g	SPRING-COMP.480X.047X1.00	032651
18h	SWITCH A.- ELECTRIC	X32789
19	PROBE A.-THERMISTOR SHORT	X36267
*	BUSHING-SNAP 11/16IDX7/8OD	010548
*	BUSHING-SNAP 3/8IDX1/2OD	018761

*NOT SHOWN

8752P Mix Cabinet A. X52587-



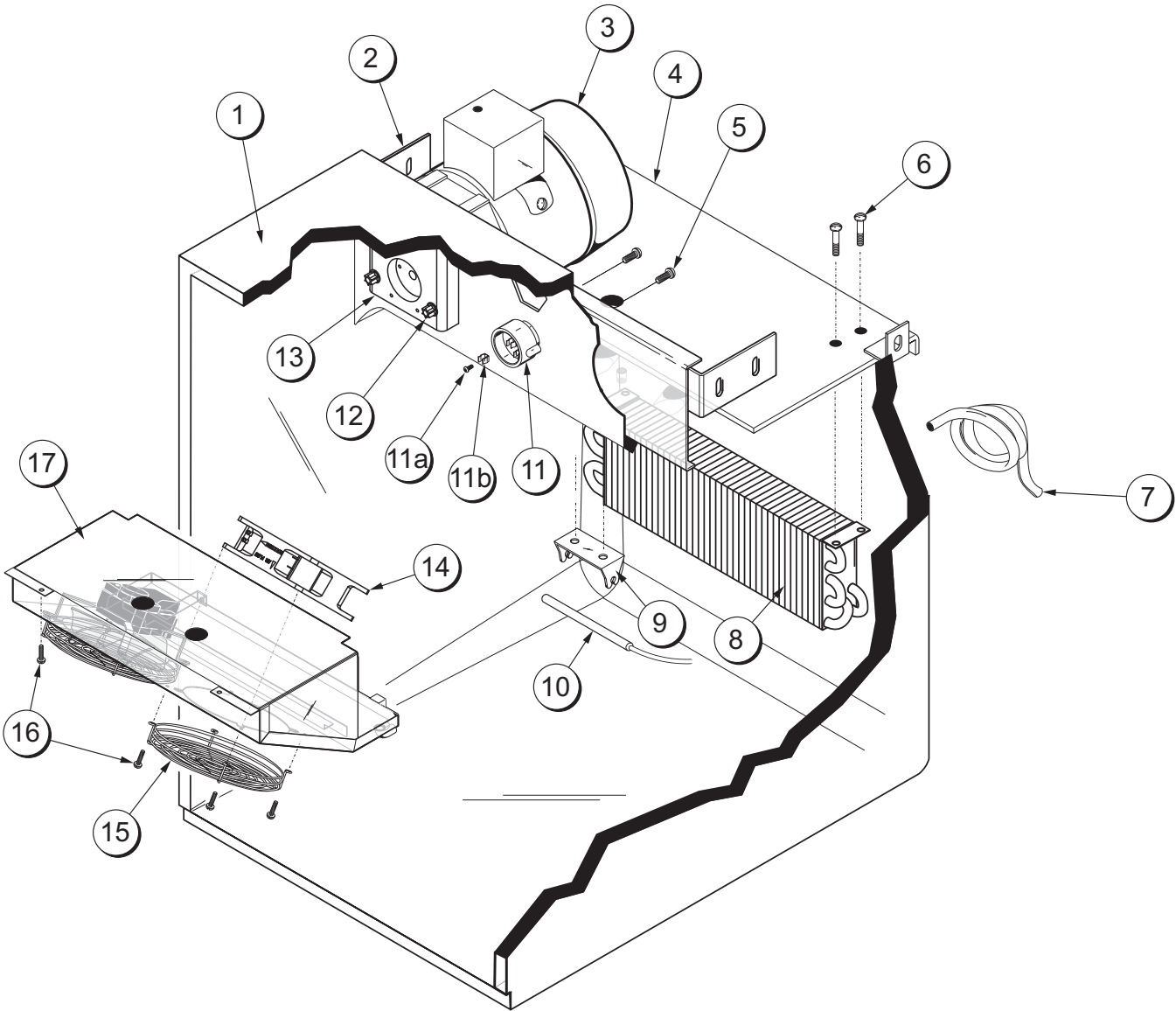
8752P Mix Cabinet A. X52587- Parts Identification

ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X52622
2	SUPPORT A.-PUMP	X32700
3	MOTOR-REDUCER 162RPM SS	051874-27
4	SUPPORT A.-EVAPORATOR	X22712
5	SCREW-6 X 1/2 TYPE A - SS	022427
6	SCREW-10-32X1 RHM ZP	004455
7	EVAPORATOR-12L X 4H X 1-7/8	X30939
8	BRACKET-THERM. PROBE	033745
9	GUARD-FAN	028534-1
10	SCREW-10-32 X 3/8 TAPTITE	039381
11	SHROUD A.-EVAP	X49124

ITEM	DESCRIPTION	PART NO.
12	MOTOR-FAN	062253-27
13	SCREW-5/16-18 X 1 TORX HD	022375
14	ADAPTOR-PUMP-CABINET	051947
15	SOCKET A.-PROBE	X36615
15a	SCREW-5-40 X 1/4 SOCKET CAP	037843
15b	CLIP-BALL CONNECTOR	035813
16	TUBE-VINYL 1/4ID X 1/16WALL	020941-30
17	PROBE A.-THERMISTOR SHORT	X36267
*	BUSHING-SNAP 3/8ID X 1/2OD	018761
*	BUSHING-SNAP 11/16ID X 7/8OD	010548

*NOT SHOWN

8752P Mix Cabinet A. X62338-



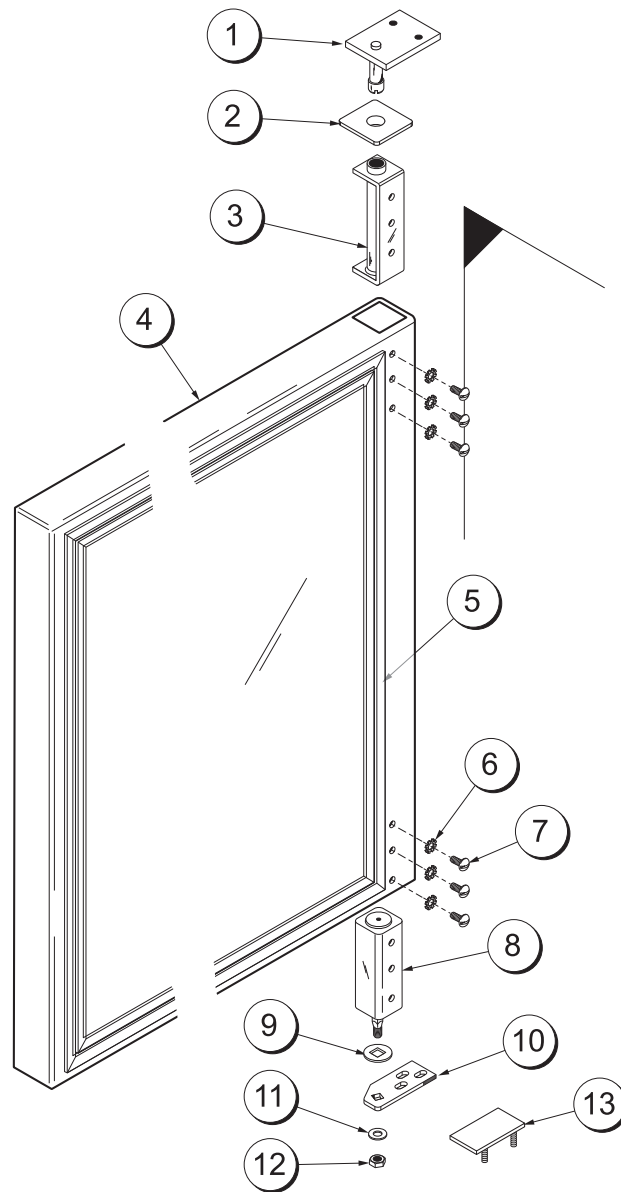
8752P Mix Cabinet A. X62338- Parts Identification

ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X52622
2	SUPPORT A.-PUMP	X32700
3	MOTOR-REDUCER 162RPM SS	051874-27
4	SUPPORT A.-EVAPORATOR	X22712
5	SCREW-6 X 1/2 TYPE A- SS	022427
6	SCREW-10-32X1 RHM ZP	004455
7	TUBE-VINYL 1/4ID X 1/16WALL	020941-
8	EVAPORATOR-12L X 4H X 1-7/8	X30939
9	BRACKET-THERM. PROBE	033745
10	PROBE A.-THERMISTOR SHORT	X36267

ITEM	DESCRIPTION	PART NO.
11	SOCKET A.-PROBE	X36615
11a	SCREW-5-40 X 1/4 SOCKET CAP	037843
11b	CLIP-BALL CONNECTOR	035813
12	SCREW-5/16-18 X 1 TORX HD	022375
13	ADAPTOR-PUMP-CABINET	051947
14	MOTOR-FAN	062253-27
15	GUARD-FAN	028534-1
16	SCREW-10-32 X 3/8 TAPTITE	039381
*	BUSHING-SNAP 3/8IDX1/2OD	018761
*	BUSHING-SNAP 11/16IDX7/8OD	010548

*NOT SHOWN

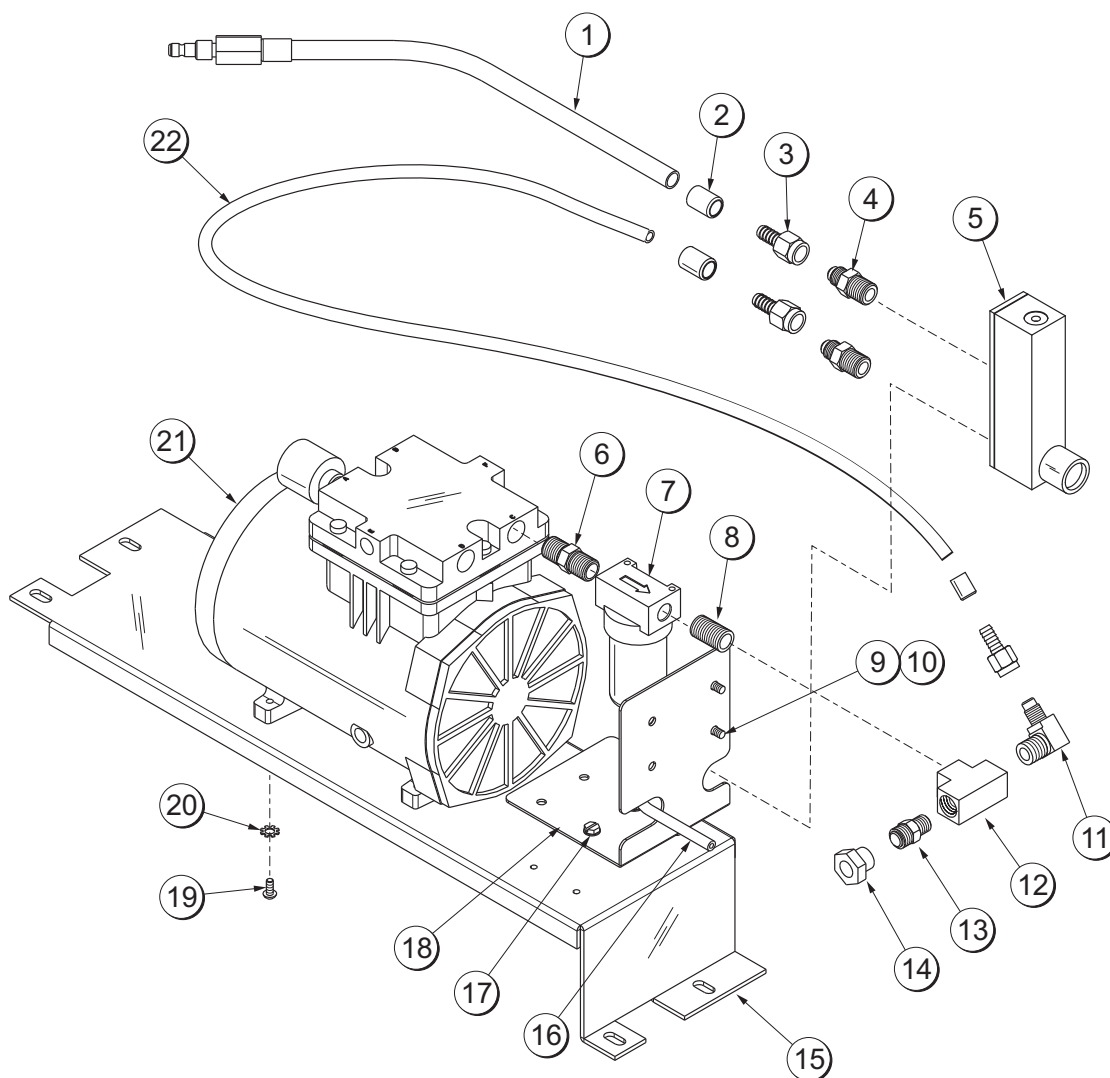
8752/8752P/8756/8756P Door Hinge



ITEM	DESCRIPTION	PART NO.
1	PIN A.-UPPER HINGE	X20315
2	CAP-DOOR	032934
3	BEARING A.-HINGE	X20305
4	DOOR A.-INS.MIX (8752)	X22178
	DOOR A. (8756)	X24816
5	GASKET-MIX-DOOR (8752)	020134
	GASKET-MIX-DOOR (8756)	024629
6	WASHER-#10-SHAKE-PROOF	024420

ITEM	DESCRIPTION	PART NO.
7	SCREW-10X3/4 TRUSS HD	000922
8	HINGE-SELF CLOSING DOOR	020143
9	SHIM-DOOR	036023
10	PLATE-LOWER HINGE	020323
11	SPACER-HINGE	020741
12	NUT-1/4-28-HEX-JAM-ZP	029866
13	SUPPORT A.-HINGE	X32521

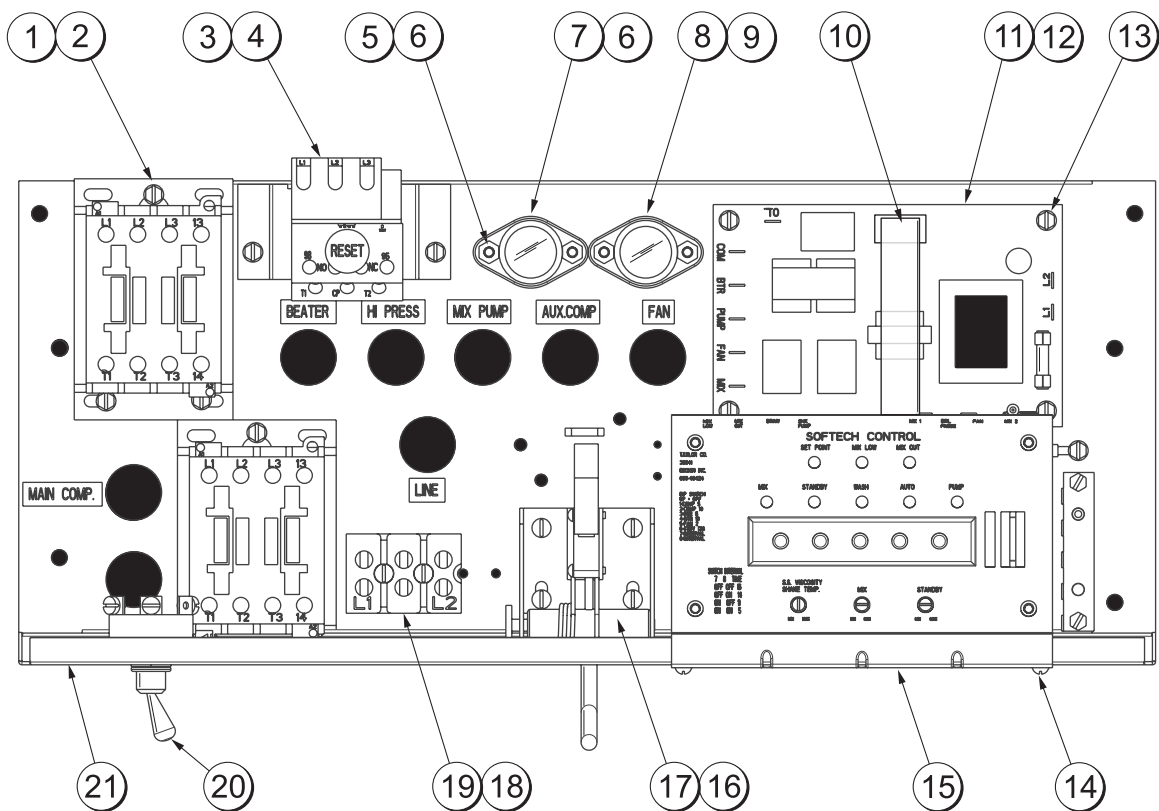
8752P Air Compressor A. X52378-



ITEM	DESCRIPTION	PART NO.
1	LINE A.-AIR INJECTION	X51861
2	FERRULE-.475 ID NP BRASS	021082
3	ADAPTOR-SWV 1/4F 1/4BARB	016715
4	FITTING-1/4MFL X 1/4MPT	006295
5	ROTOMETER	055404
6	NIPPLE-1/4PT X 1-3/8 LG	029937
7	FILTER-1/4 FPT-AUTODRAIN	077017
8	NIPPLE-1/4IPT X 7/8 LONG	026496
9	SCREW-10-24X3/8 TYP F PAN	014936
10	WASHER-#10 SHAKEPROOF	002681
11	ELBOW-1/4MFL X 1/4MPT	001486

ITEM	DESCRIPTION	PART NO.
12	TEE-1/4 FP BRASS	024772
13	BUSHING-1/4MP X 1/8FP	019681
14	VALVE-RELIEF 30 PSI 1/8 MPT	039365
15	BRACKET-AIR COMPRESSOR	024281
16	TUBE-VINYL 1/8ID X 1/16 WALL	020938-60
17	SCREW-10 X 3/8 TYPE B-HEX	015582
18	BRACKET-AIR COMP.	051864
19	SCREW-8-32X3/8 RD HD STEEL	007544
20	WASHER-#8 SHAKEPROOF	000964
21	COMPRESSOR-AIR	032129-27
22	LINE A.-AIR SUPPLY-24 INCH	X34654

8752/8752P Control A. X33484-

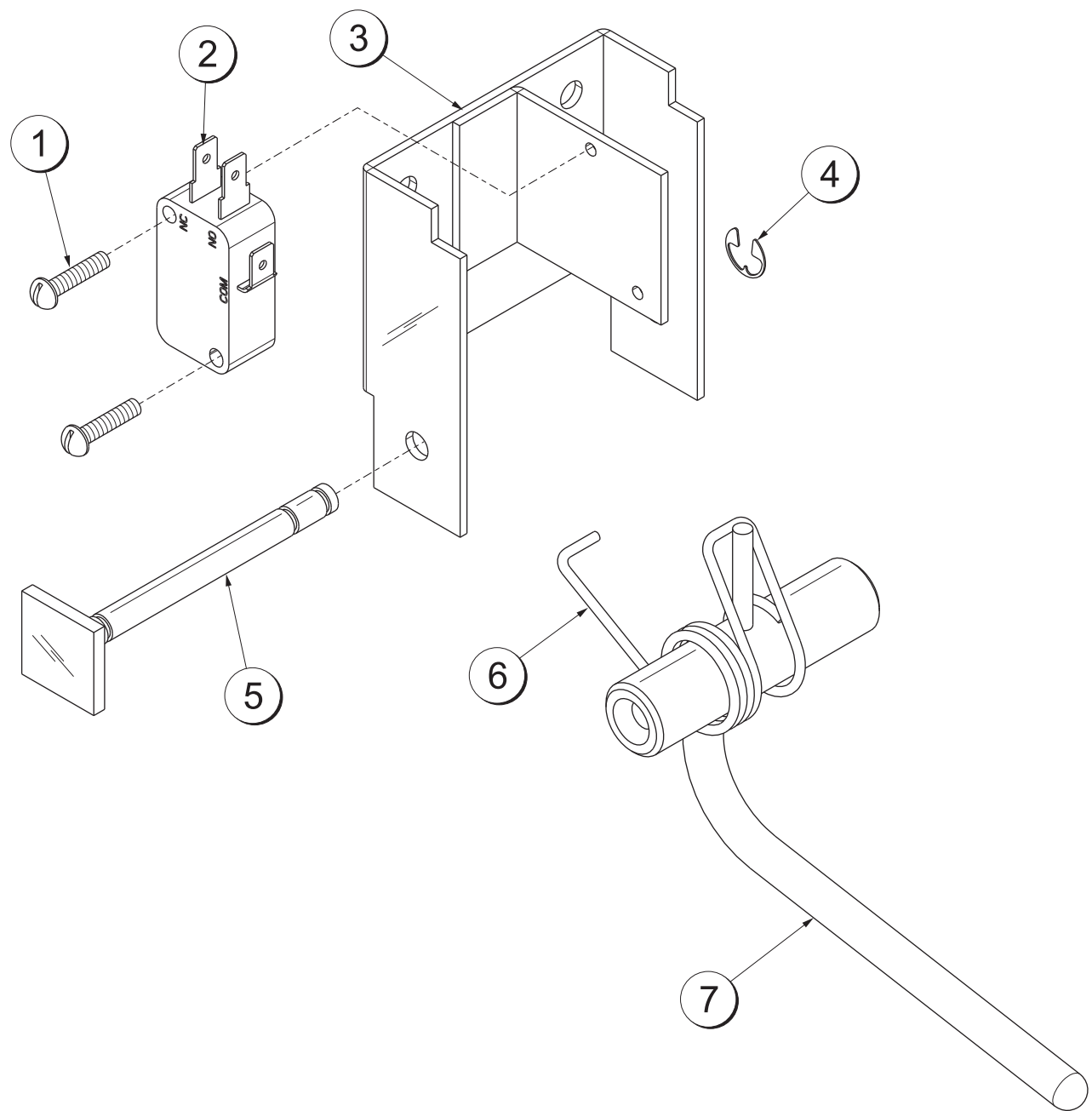


ITEM	DESCRIPTION	PART NO.
1	RELAY-3 POLE-20A-208/240	012725-
2	SCREW-8X1/4 SL HEX HD TYP B	009894
3	RELAY-OVRLD-1PHASE-4.5-7.5	049651-
4	BRACKET-MOUNTING RESET	050070
5	SCREW-8-32X3/8 RD HD STEEL	007544
6	NUT-8-32 HEX	000969
7	FUSE-15 AMP CARTRIDGE	027582
8	FUSE A.-L1 FEED	X33488
9	FUSE A.-L2 RETURN	X33489
10	CABLE-RIBBON-PWR/RELAY-18	032444
11	BOARD-POWER-GEN 1 & 2	032326-
12	INSULATOR-POWER BOARD	032485

ITEM	DESCRIPTION	PART NO.
13	SCREW-6-32X5/8 TAPTITE HEX	041363
14	SCREW-6-32X1/4 RHM BRASS	013235
15	BOARD-LOGIC-GEN 2.6-SD	036641-
16	SWITCH A.-DRAW	X33322
17	SCREW-8 X 3/8 RD HD TYP B	013234
18	SCREW-8 X 1-1/4 RD HD TYP B	039420
19	BLOCK-TERMINAL 2P-L1,L2	039422
20	SWITCH-TOGGLE*ON-NONE-OFF	024295
21	PANEL A.-CONTROL	X33485
*	LABEL-LOGIC PANEL-LEFT	032939

*NOTSHOWN

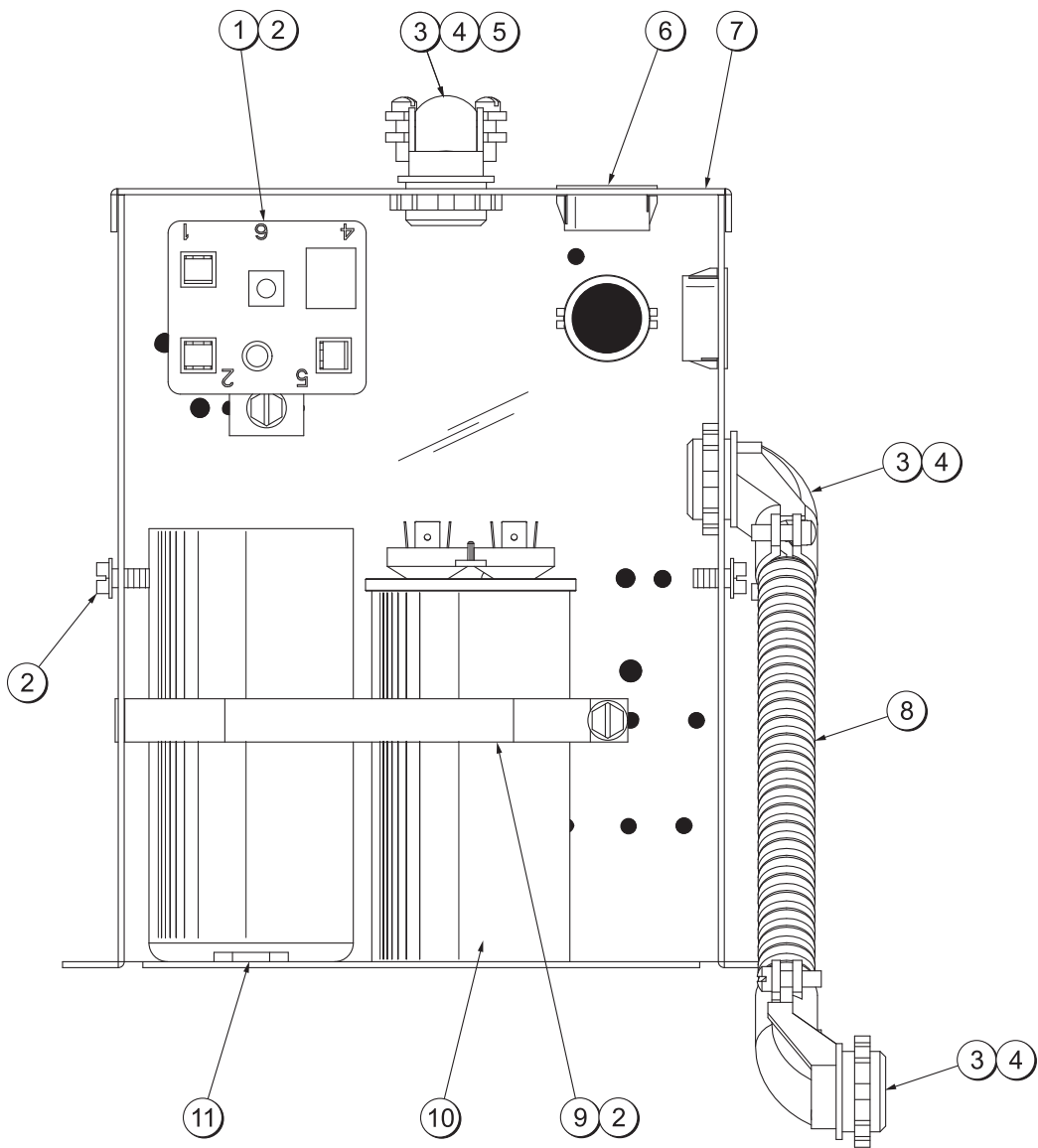
8752/8752P Draw Switch A. X33322



ITEM	DESCRIPTION	PART NO.
1	SCREW-4-40X1/2 RHM STEEL	030427
2	SWITCH-LEVER-SPDT	028889
3	BRACKET A.-SWITCH	X33323
4	E-RING 3/16 .335 O.D.	049178

ITEM	DESCRIPTION	PART NO.
5	PIN-PIVOT	015478
6	SPRING-RETURN R.	023488
7	ARM A.-DRAW	X33326

8752/8752P Cap & Relay Box A. X52670-

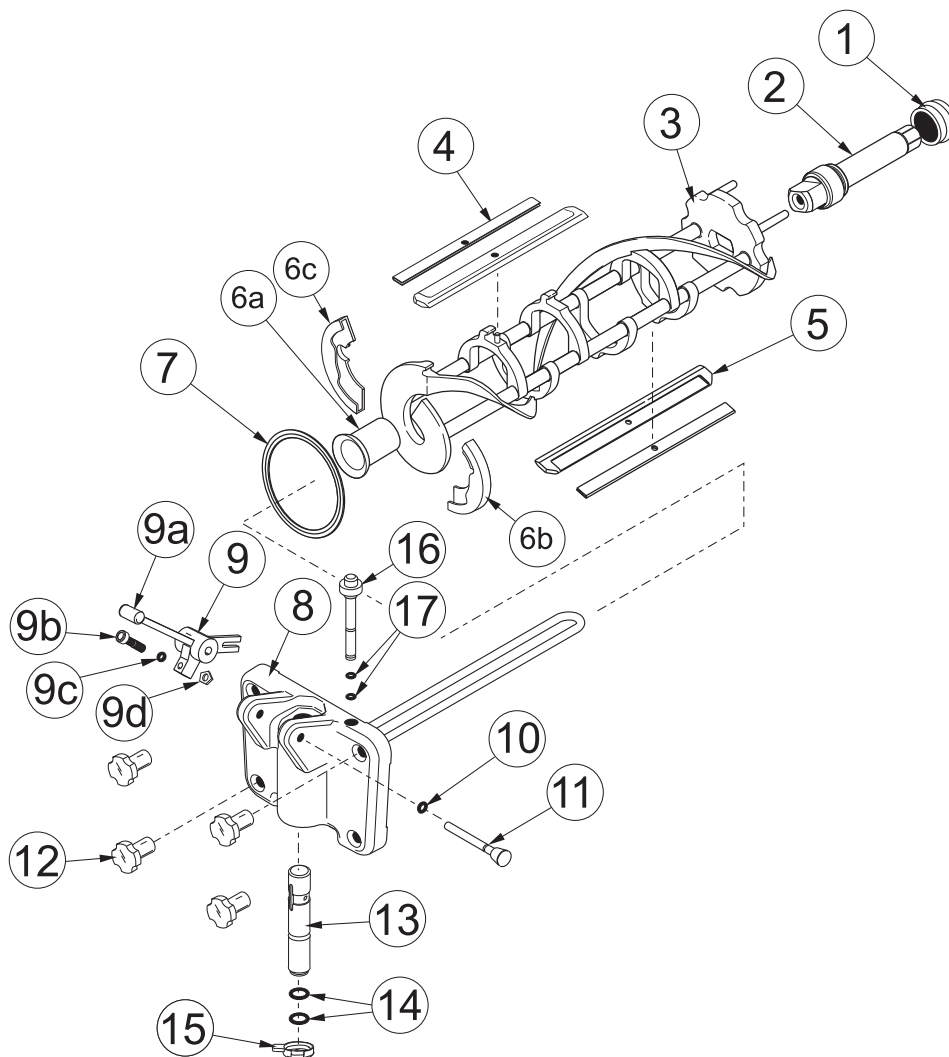


ITEM	DESCRIPTION	PART NO.
1	RELAY-START-COMPRESSOR	051957-27
2	SCREW-10 X 3/8 TYPE B-HEX	015582
3	CONNECTOR-BX 3/8 90D	001793
4	BUSHING-ANTI-SHORT 3/8	019117
5	GREENFIELD-3/8	020495-48
6	PLUG-HOLE 7/8 DIA.	010077

ITEM	DESCRIPTION	PART NO.
7	BOX-CAPACITOR RELAY	030183
8	GREENFIELD-3/8	020495-12
9	STRAP-CAPACITOR 7-11/32	037890
10	CAPACITOR-RUN- 35UF/440V	048132
11	CAPACITOR-START-189-227UF	053106
*	COVER-CAP.RELAY BOX	030315
*	LABEL-WIRING SINGLE PHASE	052396-1

* NOT SHOWN

8752/8752P Beater & Door A.

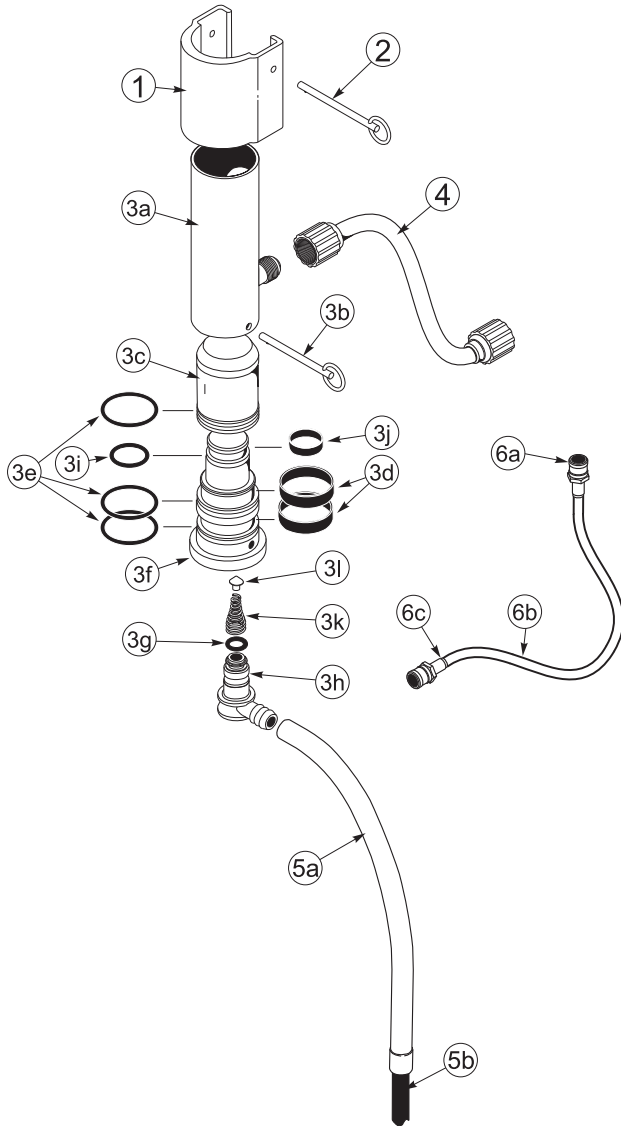


Item	Description	Part No.
1	Seal-Drive Shaft	032560
2	Shaft-Beater	032564
3	Beater A.-3.4 Qt. 1 Pin	X46231
4	Clip-Scraper Blade	046236
5	Blade-Scraper-Plastic	046235
*6a	Bearing-Front	050348
*6b	Shoe-Front Helix-Front	050347
*6c	Shoe-Front Helix-Rear	050346
7	Gasket-Door HT 4" Double	048926
8	Door A.-1 Spout Long Baffle	X51531-10
9	Handle A.-Draw-Adj.	X26996
9a	Draw Handle-Adj.	028804

Item	Description	Part No.
9b	Screw-Adjustment	026592
9c	O-Ring (Adj. Screw)	015872
9d	Nut-Jam 5/16-24	029639-BLK
10	O-Ring - 5/16 OD x .070 W	016272
11	Pin A.-Pivot	X22820
12	Nut-Stud	021508
13	Valve A.-Draw	X18303
14	O-Ring - 7/8 OD x .103 W	014402
15	Cap-Design - 1.010" ID	014218
16	Plug-Prime	028805
17	O-Ring - 3/8 OD x .070 W	016137

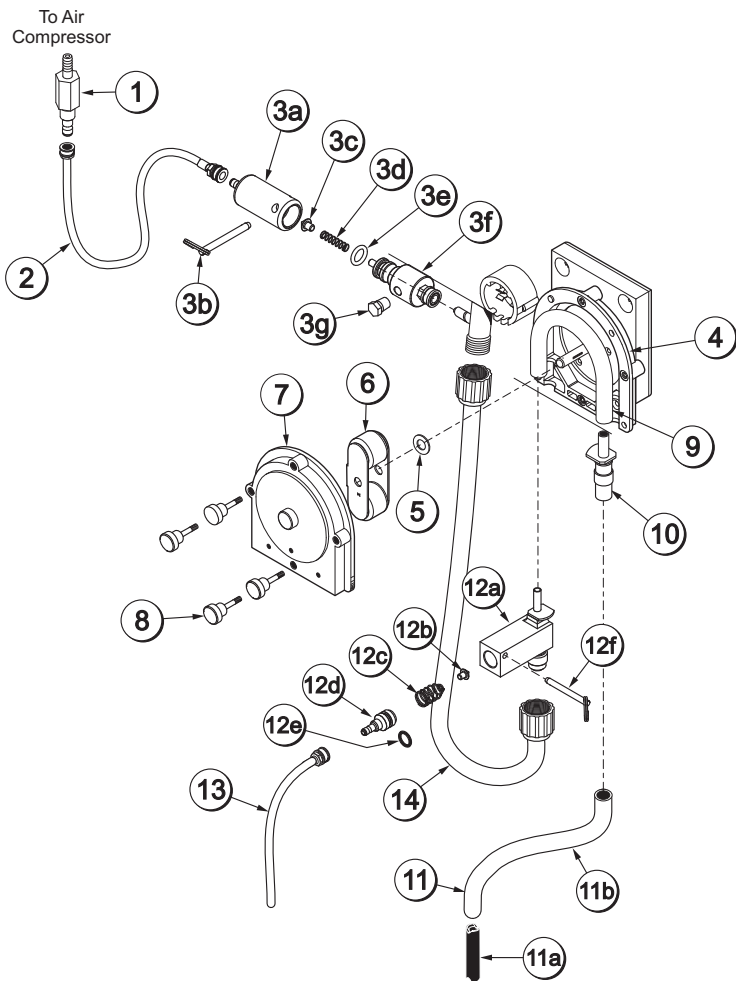
*Order Kit X50350

8752/8756/8757 Coax Pump A. X36201



ITEM	DESCRIPTION	PART NO.
1	Cap-Pump (Model 8752)	023324
	Cap-Pump (Models 8756/8757)	021276-9
2	Pin-Retaining	021276-8
3	Pump Assembly	X36201
3a	Cylinder A.-Pump	022345-1
3b	Pin-Retaining	021276-8
3c	Piston	032733
3d	Ring-Check 2" OD x 1/2	020050
3e	O-Ring 2-1/8 OD x .139 W	020051
3f	Body A.-Valve	X36202
3g	O-Ring - 13/16 OD x .139 W	021278
3h	Elbow-Inlet 90 Degree	022502-4
3i	O-Ring - 1-3/8 OD x .103 W	018664
3j	Ring-Check 1-1/4 OD x 3/8	033215
3k	Spring-Tapered	022456
3l	Poppet-Rubber-Black	022473
4	Line A.-Flare	038299
5	Tube A.-Suction (8752)	X20450
	Tube A.-Suction (8756-8757)	X37293
5a	Tube-Vinyl 5/8IDx1/8W (8752)	020945-22
	Tube-Vinyl 5/8IDx1/8W (8756-8757)	020945-18
5b	Counterweight-Suction Tube	020452
6	Line A.-Pump Pressure	X27139
6a	Socket-QD 3/16 Barb	020021
6b	Tube-Vinyl 3/16 ID x 1/16 W	020940-16
6c	Ferrule-3/8 OD Brass	030553

8752P/8756P Horizon® Pump A.

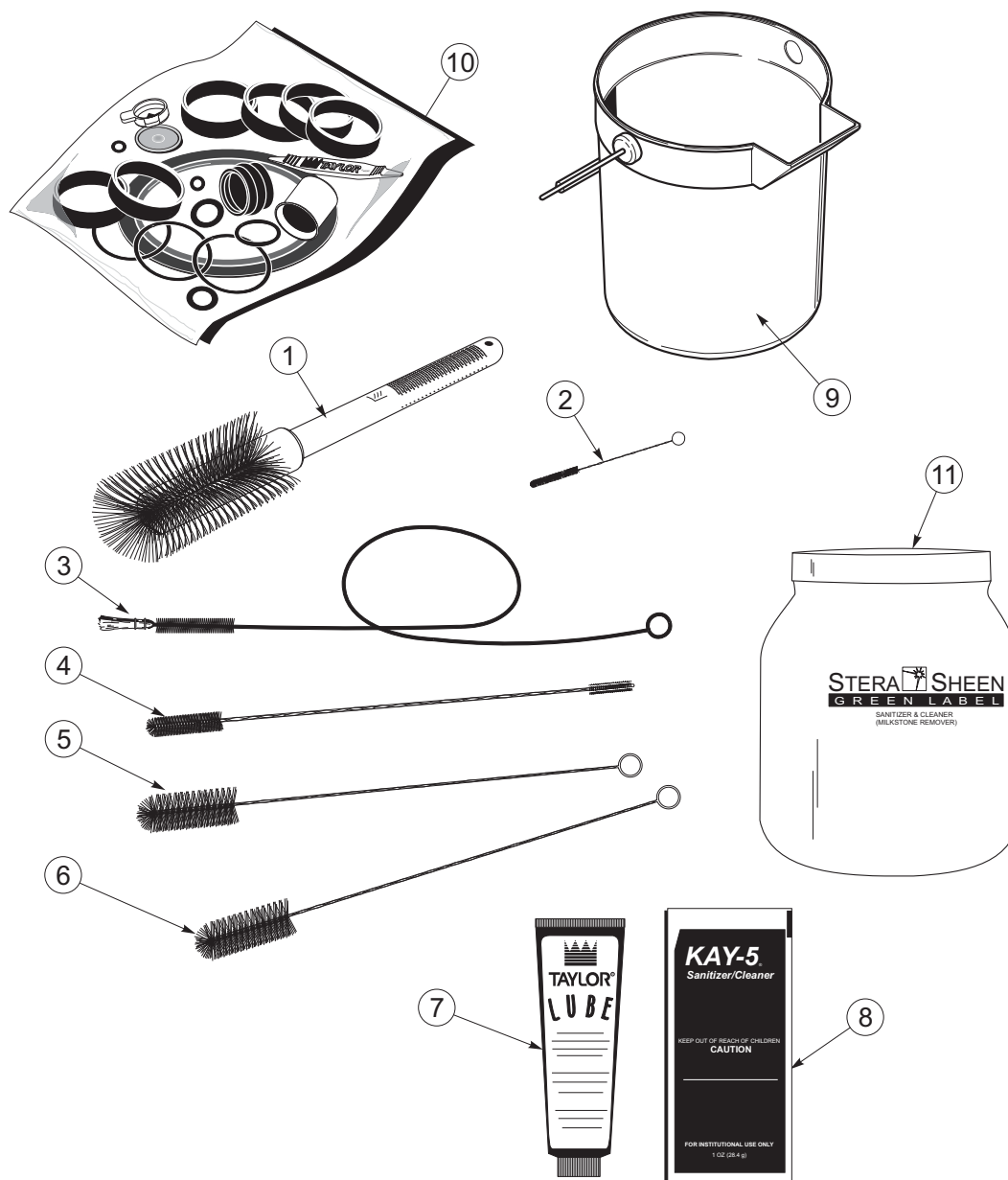


ITEM	DESCRIPTION	PART NO.
1	Fitting-Air Injection	051862
*2	Line A.-Pressure	X22739
3	Valve A.-Check *Peristaltic*	X51938
3a	Cap-Check Valve	051946
3b	Pin-Retaining 1/4 OD x 2" Long	042306
3c	Poppet-Rubber-Black	022473
3d	Spring-Comp.	051941
3e	O-Ring 13/16 OD x .139W	021278
3f	Body A.-Check Valve	X51945-SER
3g	Plug-1/8 MP-Nickel Plated	020988
4	Housing-Rear-Pump	051886
5	Washer-.406 IDx1.0 ODx.031	053420
6	Roller-Pump	051887
7	Housing-Front-Pump	051885
8	Screw-Thumb #10-32 (4)	052016
9	Tube-Pump	053891
10	Fitting-Pump Inlet	053691
11	Tube A.-Suction *22 In.	X20450
11a	Counterweight-Suction Tube	020452
†11b	Tube-Vinyl-5/8 ID x 1/8 Wall	020945-22
12	Valve A.-Pressure Relief	X62220
12a	Fitting-Outlet-Press Valve	064007
12b	Poppet-Rubber-Black	022473
12	Body-Relief Valve-Male	059726
12c	Spring-Tapered-.044 Wire Dia	050344
12d	Cap-Check Valve *Peristaltic	064008
12e	O-Ring 3/4 OD x .103W	015835
12f	Pin-Retaining 1/4 OD x 2 L	042306
13	Line A.-Pressure Vent	X20023
14	Line A.-Flare	038299

*Dual purpose line - air fitting to check valve & feed tube to check valve.

†Bulk R30326.

8752/8756/8757 Accessories

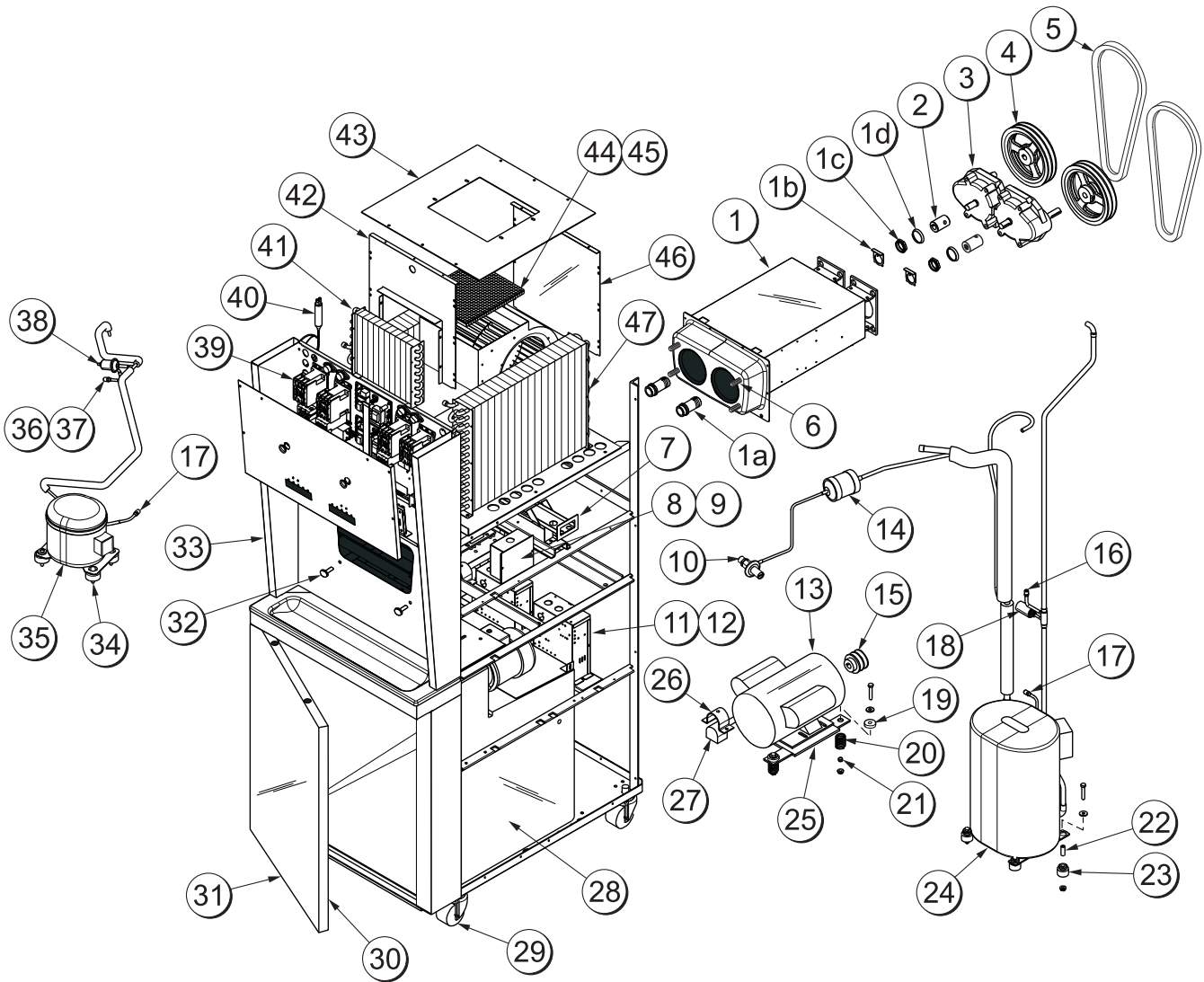


Item	Description	Part No.
1	Brush-Mix Pump Body	023316
2	Brush-Pressure Switch	027647
3	Brush-Feed Tube	021101
4	Brush-Double Ended	013072
5	Brush-Rear Bearing	013071
6	Brush-Draw Valve	013073
7	Lubricant-Taylor 4 oz.	047518

Item	Description	Part No.
8	Sanitizer-Kay-5 (8752, 8757)	041082
9	Pail-Mix 10 Qt.	013163
10	Kit A.-Tune Up (Model 8752)	X49463-15
	Kit A.-Tune Up (Models 8756 & 8757)	X49463-2
11	Sanitizer-Stera Sheen-Green (8756)	065293

[illegible]

8756/8756P Exploded View

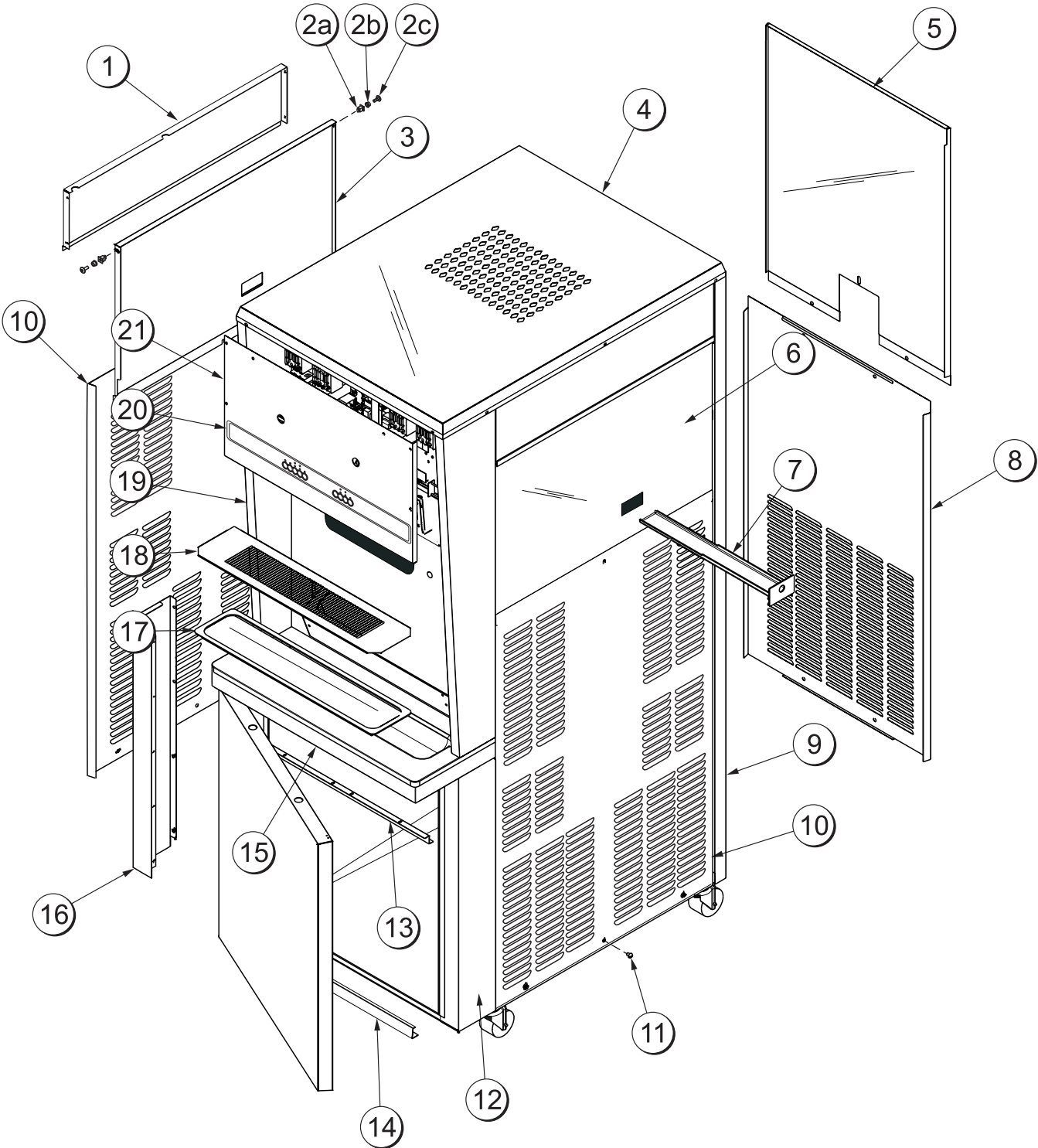


8756/8756P Exploded View Parts Identification

ITEM	DESCRIPTION	PART NO.
1	SHELL A.-INSULATED	X24347
1a	BEARING-REAR SHELL	031324
1b	WASHER-BEARING LOCK	012864
1c	NUT-BRASS BEARING	028991
1d	GUIDE-DRIP SEAL	028992
2	COUPLING-DRIVE 3/4 HEX X 1-7	012721
3	GEAR A.*REDUCER 4.21:1	021286
4	PULLEY-2AK74-5/8	027822
5	BELT-AX36	022849
6	STUD-NOSE CONE	022822
7	GUIDE A.-DRIP PAN	X28628
8	BOX-SPLICE	024828
9	COVER-SPLICE	024829
10	VALVE-EXP-AUTO-1/4S X1/4	046365
11	BOX A.-CAP&RELAY	X52683-
12	COVER-CAP/RELAY BOX	030315
13	MOTOR-1.5 HP	021522-
14	DRYER-FILTER-HP62-3/8 X 1/4S	048901
15	PULLEY-2AK25 X .6255-.6265 HORIZON	021076
	PULLEY-2AK22 X .625-.6265 STD	016403
16	VALVE-ACCESS 1/4FL X 3/8	043232
17	VALVE-ACCESS-1/4 MFLX1/4	047016
18	SWITCH-PRESSURE 405 PSI	052663
19	GROMMET-7/16 X 5/16 SHOCK	016212
20	SPRING-COMP.970X.115X2.00	025707
21	CAP-RUBBER MOUNT	011844

ITEM	DESCRIPTION	PART NO.
22	SLEEVE-MOUNTING-COMP-AE	039920
23	GROMMET-COMPRESSOR MNT	039919
24	COMPRESSOR CS18K6E-PFV	052397-
25	HINGE A.-MOTOR	X25736
26	CLAMP-MOUNTING	012257
27	BUSHING-MOUNTING RUBBER	012258
28	CABINET A.-INSUL.	X51937-
29	CASTER-SWV-3/4-10 ST.	021279
30	GASKET-CAB MIX DOOR	024629
31	DOOR A.-INS.MIX	X24816
32	BOLT-CARRIAGE 1/4-20 X 3/4ST	012347
33	PANEL A.-FRONT	X22879
34	KIT-MOUNTING-COMPRESSOR	052197
35	COMPRESSOR AEA0415ZXD	048627-
36	TEE-1/4 BARB PLAS.	016598
37	VALVE A.-ACCESS	X49653
38	VALVE-EPR-1/4	022665
39	CONTROL A.*GEN II	X32473-
40	DRYER-TWO CAP.TUBES	049346
41	CONDENSER-AC-9X8 -2 ROW	029797
42	SHROUD-CONDENSER	048519
43	SHROUD-CONDENSER	048518
44	SCREEN-BLOWER	053729
45	BLOWER A.	X53725-
46	SHROUD-CONDENSER	048517
47	CONDENSER-AC-18LX14H	050104

8756/8756P Panels

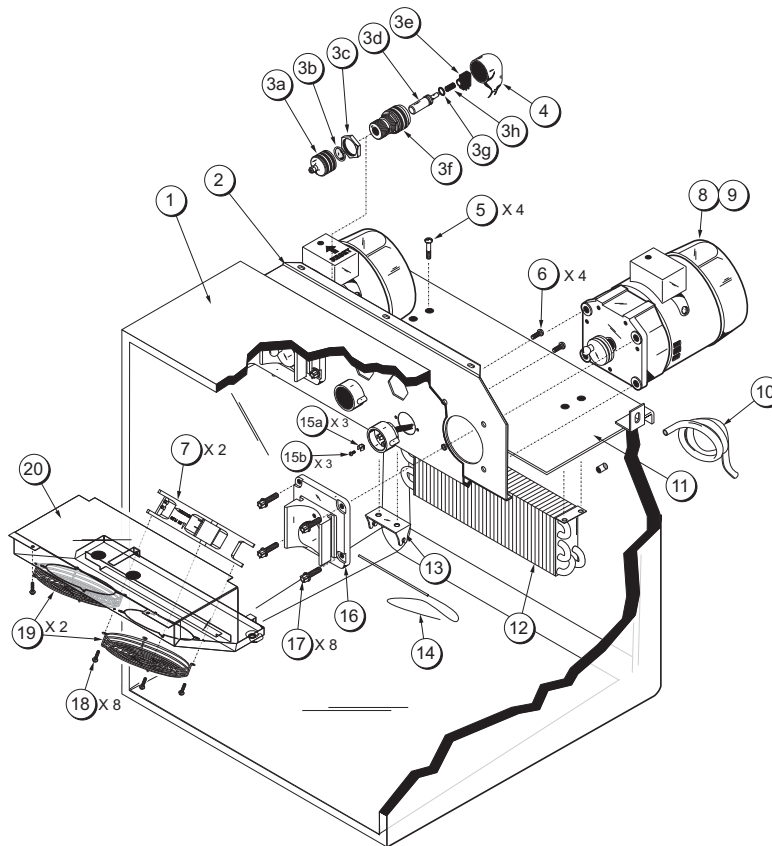


8756/8756P Panel Parts Identification

ITEM	DESCRIPTION	PART NO.
1	TRIM A.-SIDE	X22424
2a	NUT-EXPLANSION-PLASTIC	025432
2b	WASHER-PLASTIC PIVOT	013808
2c	SCREW-10-24X1/2 TAPTITE	002077
3	PANEL-UPPER SIDE LEFT	028599
4	HOOD	048526
5	PANEL-UPPER REAR	022015
6	PANEL-UPPER SIDE RIGHT	028600
7	PAN-DRIP 17-1/4"LONG	027504
8	PANEL-LOWER REAR	023598
9	TRIM-CORNER	022013
10	PANEL A.-LOWER SIDE	X23956
11	SCREW-1/4-20 X 3/8 RHM SS	011694

ITEM	DESCRIPTION	PART NO.
12	TRIM-FRONT R.	024825
13	STRIP-TOP TRIM	024827
14	TRIM-BOTTOM CABINET	024826
15	TRIM A.-SHELF	X24813
16	TRIM-FRONT L.	024824-SP
17	TRAY-DRIP 22-7/8L X 5-1/8W	014533
18	SHIELD-SPLASH 23 L	022766
19	PANEL A.-FRONT	X22879
20	DECAL-DEC	032424
21	PLATE A.-DEC M.C.	X32138

8756 Mix Cabinet A. X49554-

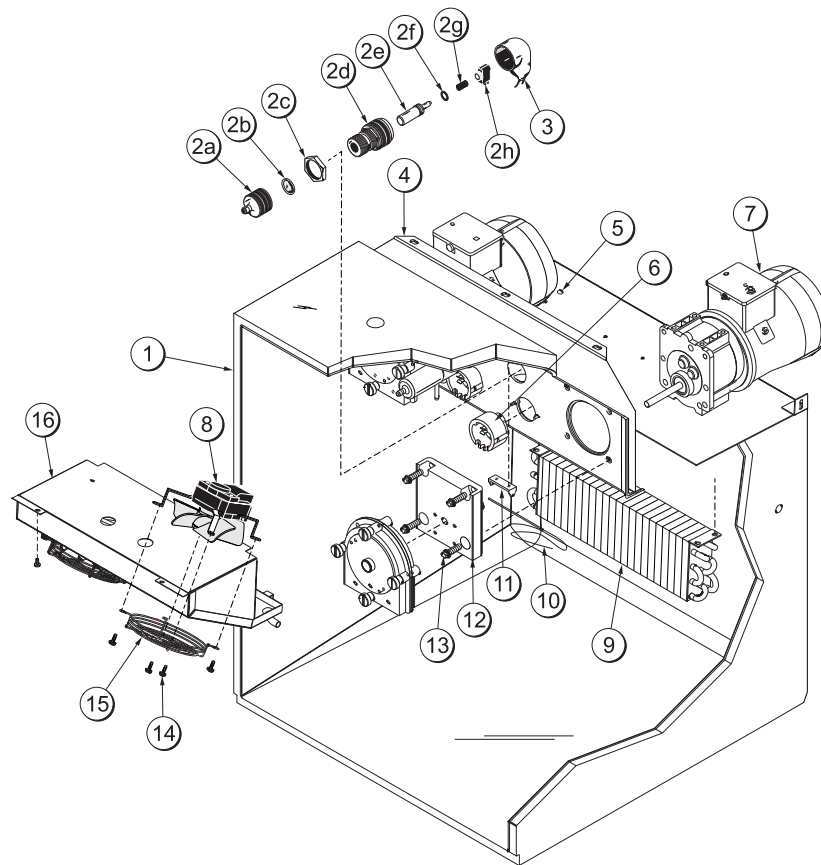


ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X24799
2	SUPPORT-PUMP	032703
3	SWITCH A.-PRESSURE	X32660
3a	CAP	032635
3b	DIAPHRAGM	020249
3c	NUT-PANEL	032637
3d	PISTON-DELRIN	032634
3e	SWITCH A.-ELECTRIC	X32789
3f	BODY-DELRIN	032633
3g	O-RING-1/2ID X 5/8 OD	017998
3h	SPRING-COMP.480X.047X1.00	032651
4	WIRE A.-PRESSURE	X32663
4a	BOOT - PRESSURE SWITCH	032624
5	SCREW-10-32X1 RHM ZP	004455
6	SCREW-6-32X1/2.BINDER.HD	022667
7	MOTOR-FAN	062253-27
8	MOTOR-REDUCER 54 RPM-SS	030913-27

ITEM	DESCRIPTION	PART NO.
9	CONNECTOR-BX 3/8 STR	014569
10	TUBE-VINYL 1/4ID X 1/16WALL	020941-30
11	SUPPORT A.-EVAPORATOR	X24811
12	EVAPORATOR-12L X 4H X 1-7/8	X30939
13	BRACKET-THERM. PROBE	033745
14	PROBE A.-THERMISTOR SHORT	X36267
15	SOCKET A.-PROBE	X36615
15a	CLIP-BALL-CONNECTOR	035813
15b	SCREW-5-40-X.1/4-SOCKET	037843
16	ADAPTOR-PUMP	024259
17	SCREW-5/16-18 X 1 TORX HD	022375
18	SCREW-6 X 1/2 TYPE A	022427
19	GUARD-FAN	028534-1
20	SHROUD A.-EVAP-HP62 CAB.	X49124
*	BUSHING-SNAP 11/16IDX7/8OD	010548
*	BUSHING-SNAP 3/8IDX1/2OD	018761

*NOT SHOWN

8756P Mix Cabinet A. X51937- (Previous Version)

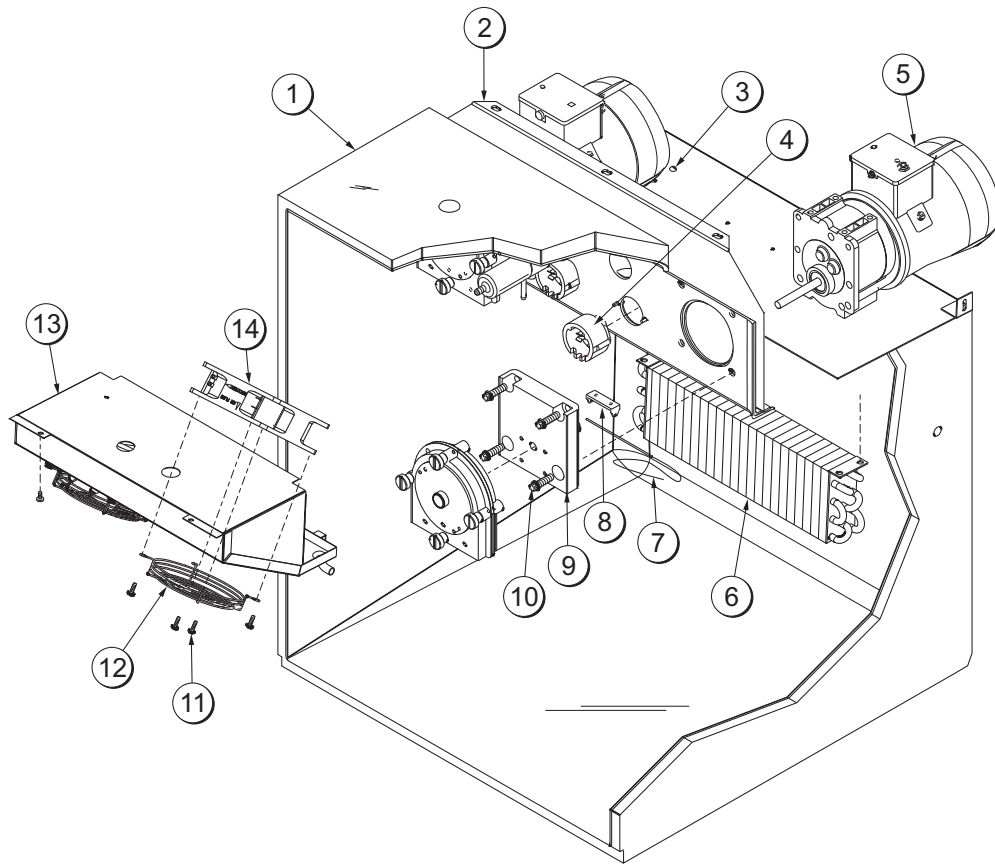


ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X51998
2	SWITCH A.-PRESSURE	X51985
2a	CAP-PRESSURE SWITCH	032657
2b	DIAPHRAGM-PRESSURE SWT	020249
2c	NUT-PANEL	032637
2d	BODY-PRESSURE SWITCH	032658
2e	PISTON-PRESSURE SWITCH	032634
2f	O-RING-1/2ID X 5/8 OD	017998
2g	SPRING-COMP.480X.047X.875	051942
2h	SWITCH A.-ELECTRIC	X32789
3	WIRE A.-PRESSURE	X32663
3a	BOOT-PRESSURE SWITCH	032624
4	SUPPORT-PUMP	032703
5	SCREW-10-32X1 RHM ZP	004455
6	SOCKET A.-PROBE	X36615

ITEM	DESCRIPTION	PART NO.
*6a	CLIP-BALL CONNECTOR	035813
*6b	SCREW-5-40X1/4 SOCKET CAP	037843
7	MOTOR-REDUCER 162RPM SS	051874-27
8	FAN-EVAPORATOR 2900RPM	028534-27
9	EVAPORATOR-12L X 4H X 1-7/8	X30939
10	PROBE A.-THERMISTOR	X36267
11	BRACKET-THERM. PROBE	033745
12	ADAPTOR-PUMP	051947
13	SCREW-5/16-18 X 1 TORX HD	022375
14	SCREW-6 X 1/2 TYPE A - SS	022427
15	GUARD-FAN	028534-1
16	SHROUD A.-EVAP	X53295
*	BUSHING-SNAP 11/16IDX7/8OD	010548
*	BUSHING-SNAP 3/8IDX1/2OD	018761

*NOT SHOWN

8756P Mix Cabinet A. X62347- (Current Version)

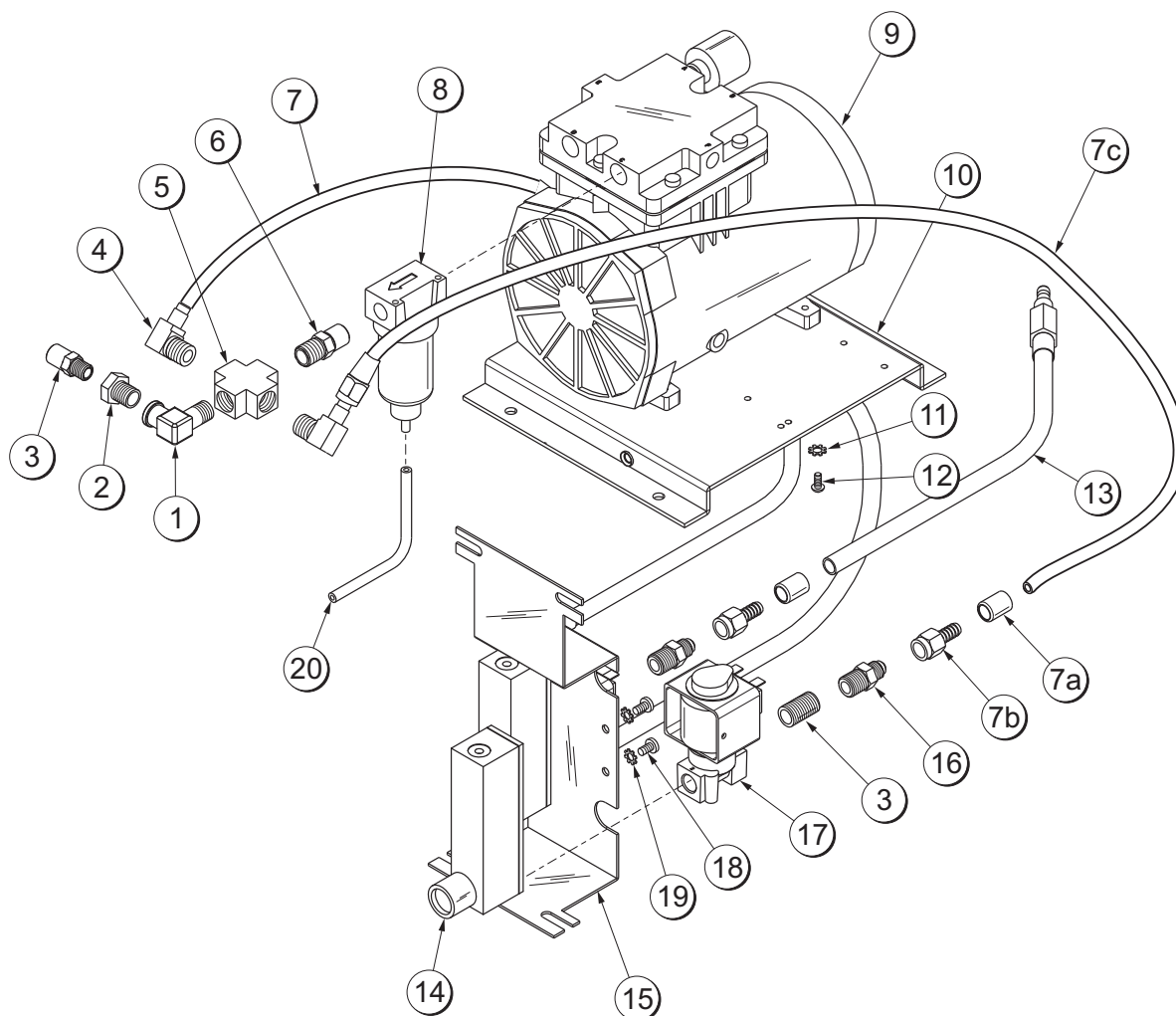


ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X51998
2	SUPPORT-PUMP	032703
3	SCREW-1-32 X 1 RHM ZP	004455
4	SOCKET A.-PROBE	X36615
*4a	CLIP-BALL CONNECTOR	035813
*4b	SCREW-5-40X1/4 SOCKET CAP	037843
5	MOTOR REDUCER 162RPM SS	051874-27
6	EVAPORATOR-12L X 4H X 1-7/8	X30939

ITEM	DESCRIPTION	PART NO.
7	PROBE A.-THERMISTOR	X36267
8	BRACKET-THERM. PROBE	033745
9	ADAPTOR-PUMP	051947
10	SCREW-5/16-18 X 1 TORX HD	022375
11	SCREW-6 X 1/2 TYPE A	022427
12	GUARD-FAN	028534-1
13	SHROUD A.-EVAP	X53295
14	KIT A.-MOTOR-FAN	X62253-27

*NOT SHOWN

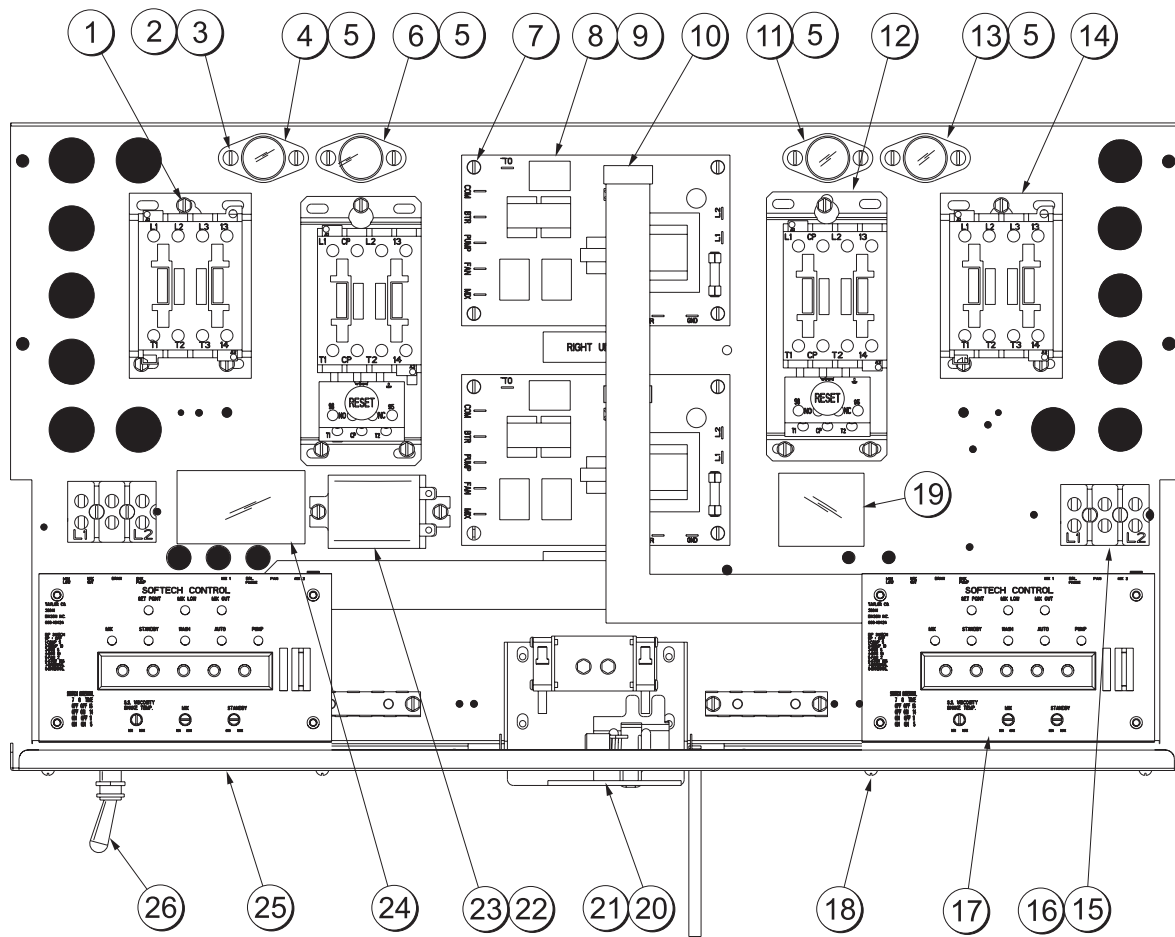
8756P Air Compressor A. X51859-



ITEM	DESCRIPTION	PART NO.
1	ELBOW-1/4-STREET BRASS	035573
2	BUSHING-1/4MP X 1/8FP BRASS	019681
3	VALVE-RELIEF 30 PSI 1/8 MPT	039365
4	ELBOW-1/4MFL X 1/4MPT	001486
5	CROSS-1/4 FPT * 1.44 SQ	077339
6	NIPPLE-1/4PT X 1-3/8 LG BRASS	029937
7	LINE A.-AIR SUPPLY-24 INCH	X34654
7a	FERRULE-.475 ID NP BRASS	021082
7b	ADAPTOR-SWV 1/4F 1/4BARB	016715
7c	TUBE-NYLOBRADE	020564-24
8	FILTER-1/4 FPT-AUTODRAIN	077017
11	WASHER-#8 SHAKEPROOF-EXT	000964

ITEM	DESCRIPTION	PART NO.
9	COMPRESSOR-AIR	032129-27
10	BRACKET-AIR COMPRESSOR	025156
12	SCREW-8-32X3/8 RD HD STEEL	007544
13	LINE A.-AIR INJECTION	X51861
14	FLOWMETER *PERISTALTIC	055404
15	BRACKET-ROTOMETER	053327
16	FITTING-1/4MFL X 1/4MPT	006295
17	VALVE-SOLENOID 7/32ORF	047496-27
18	SCREW-10-24X3/8 TYP F PAN	014936
19	WASHER-#10 SHAKEPROOF	002681
20	TUBE-VINYL 1/8ID X 1/16 WALL	020938-60

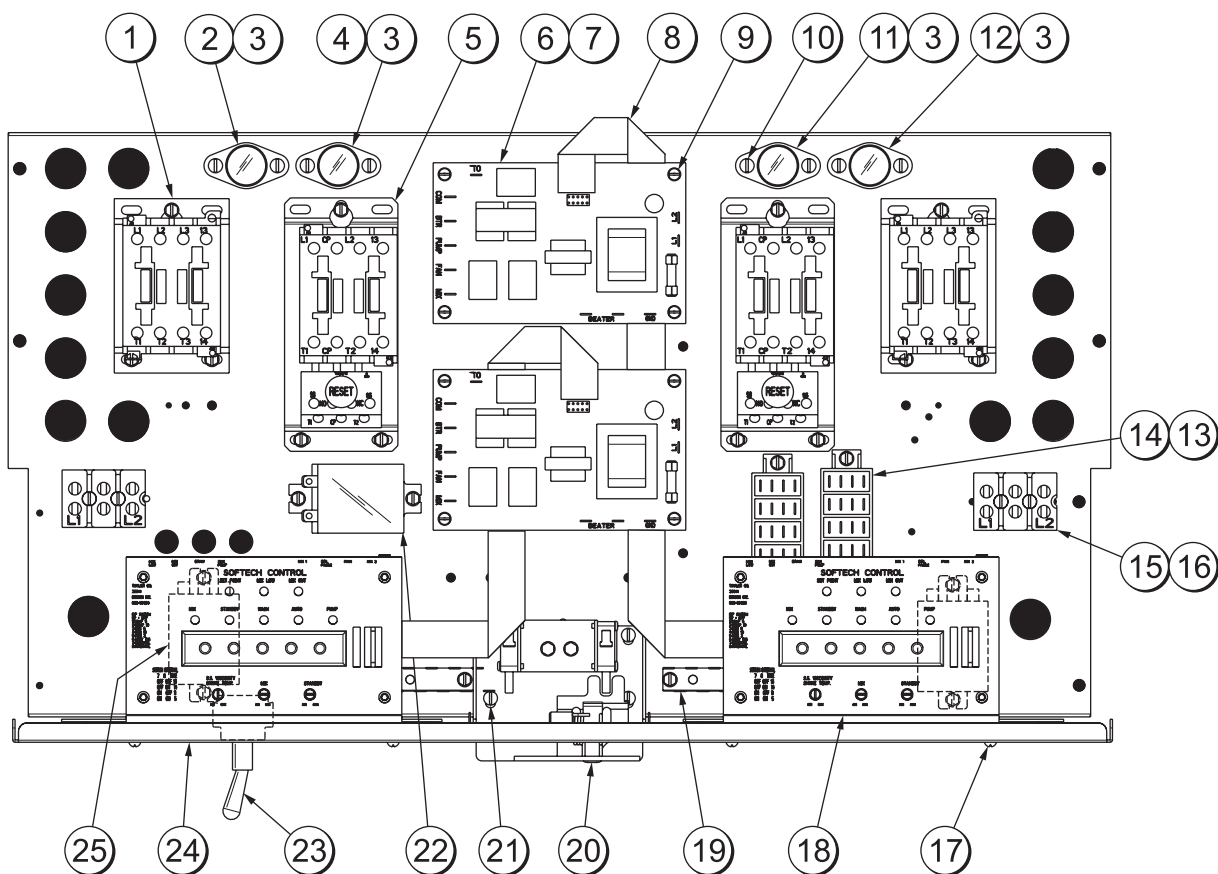
8756 Control A. X32473-



ITEM	DESCRIPTION	PART NO.
1	SCREW-8X1/4 SL HEX HD TYP B	009894
2	SCREW-8-32X3/8 RD HD STEEL	007544
3	NUT-8-32 HEX	000969
4	FUSE A.-L1 FEED L.H.	X32475
5	FUSE-15 AMP CARTRIDGE	027582
6	FUSE A.-L2 FEED L.H.	X32476
7	SCREW-6-32X5/8 RHM-STNL	019309
8	BOARD-POWER-GEN 1 & 2	032326-
9	INSULATOR-POWER BOARD	032485
10	CABLE-RIBBON-PWR/RELAY-18"	032444
11	FUSE A.-L2 FEED R.H.	X32478
12	STARTER-1 PHASE-4.5 TO 7 A	041950-
13	FUSE A.-L1 FEED R.H.	X32477

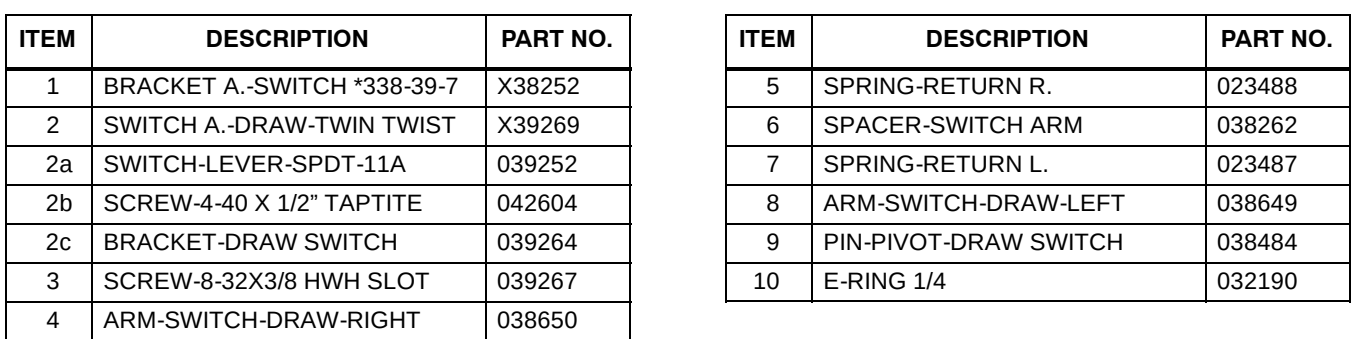
ITEM	DESCRIPTION	PART NO.
14	RELAY-3 POLE-20A-208/240	012725-
15	BLOCK-TERMINAL 2P-L1,L2	039422
16	SCREW-8 X 1-1/4 RD HD TYP 8	039420
17	BOARD-LOGIC-GEN 2.6-SD	036641-
18	SCREW-6-32X1/4 RHM BRASS	013235
19	LABEL-LOGIC PANEL-RIGHT	032940
20	SWITCH A.-DRAW *TWIN TWIST	X38921
21	SCREW-8 X 3/8 RD HD TYP B	013234
22	SCREW-6-32X5/8 TAPTITE PAN	041250
23	RELAY-SPDT-30 A-240 V	032607-
24	LABEL-LOGIC PANEL-LEFT	032939
25	PANEL A.-CONTROL	X32343
26	SWITCH-TOGGLE-4PDT ON-NONE-OFF	037394

8756P Control A. X51936-

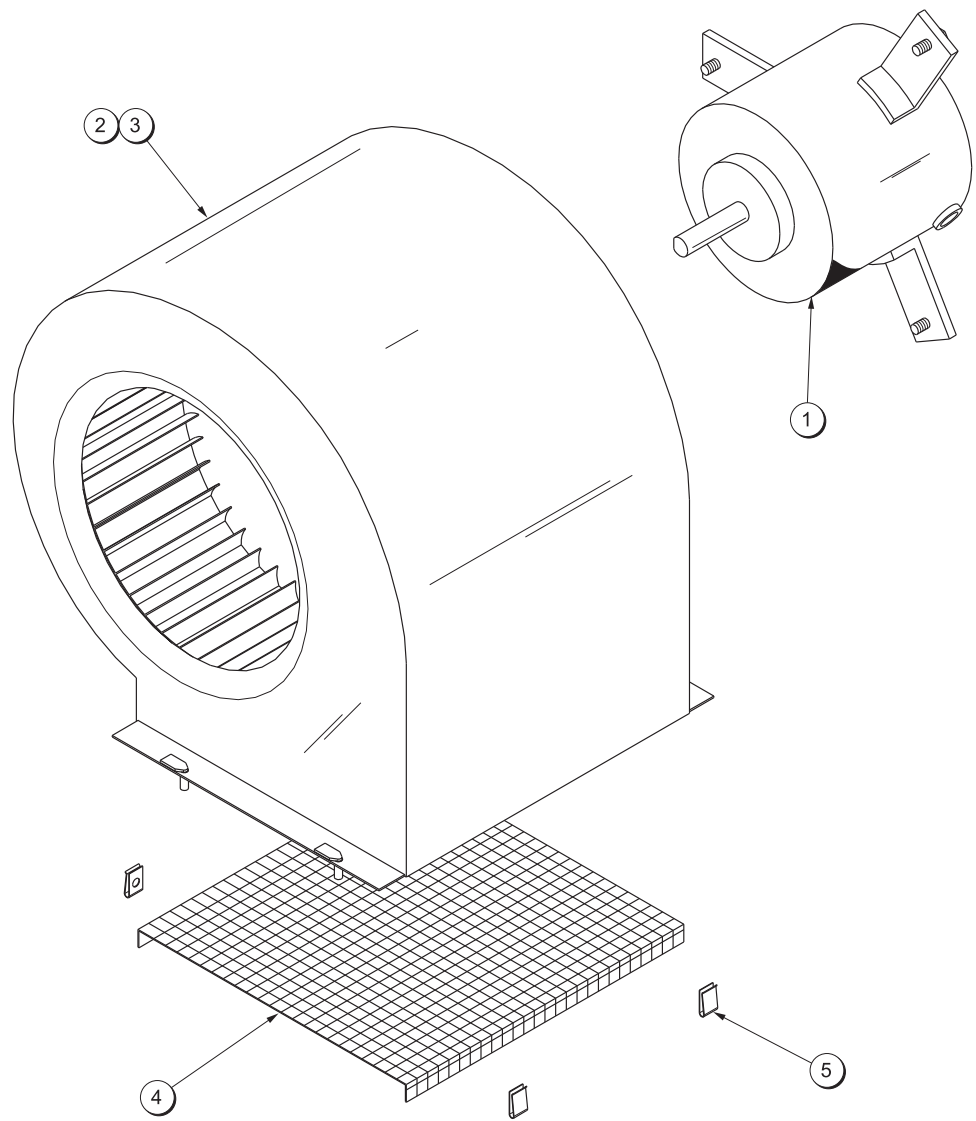


ITEM	DESCRIPTION	PART NO.
1	RELAY-3 POLE-20A-208/240	012725-
2	FUSE A.-L1 FEED L.H.	X32475
3	FUSE-15 AMP CARTRIDGE	027582
4	FUSE A.-L2 FEED L.H.	X32476
5	STARTER-1 PHASE-4.5 TO 7 A	041950-
6	BOARD-POWER-GEN 1 & 2	032326-
7	INSULATOR-POWER BOARD	032485
8	CABLE-RIBBON-PWR/RELAY-18	032444
9	SCREW-6-32X5/8 RHM-STNL	019309
10	SCREW-8-32X3/8 RD HD STEEL	007544
11	FUSE A.-L2 FEED R.H.	X32478
12	FUSE A.-L1 FEED R.H.	X32477
13	SCREW-8X1/4 SL HEX HD TYP B	009894

ITEM	DESCRIPTION	PART NO.
14	BLOCK-TERMINAL 5 POLE	024329
15	BLOCK-TERMINAL 2P-L1,L2	039422
16	SCREW-8 X 1-1/4 RD HD TYP B	039420
17	SCREW-6-32X1/4 RHM BRASS	013235
18	BOARD-LOGIC-GEN 2.6-SD	036641-
19	TERMINAL-LOW VOLTAGE GRD	034455
20	SWITCH A.-DRAW *TWIN TWIST	X38921
21	SCREW-8 X 3/8 RD HD TYP B	013234
22	RELAY-SPDT-30 A-240 V	032607-
23	SWITCH-TOGGLE-4PDT ON-NONE-OFF	037394
24	PANEL A.-CONTROL	X32343
25	RELAY A.-240V	X53574-



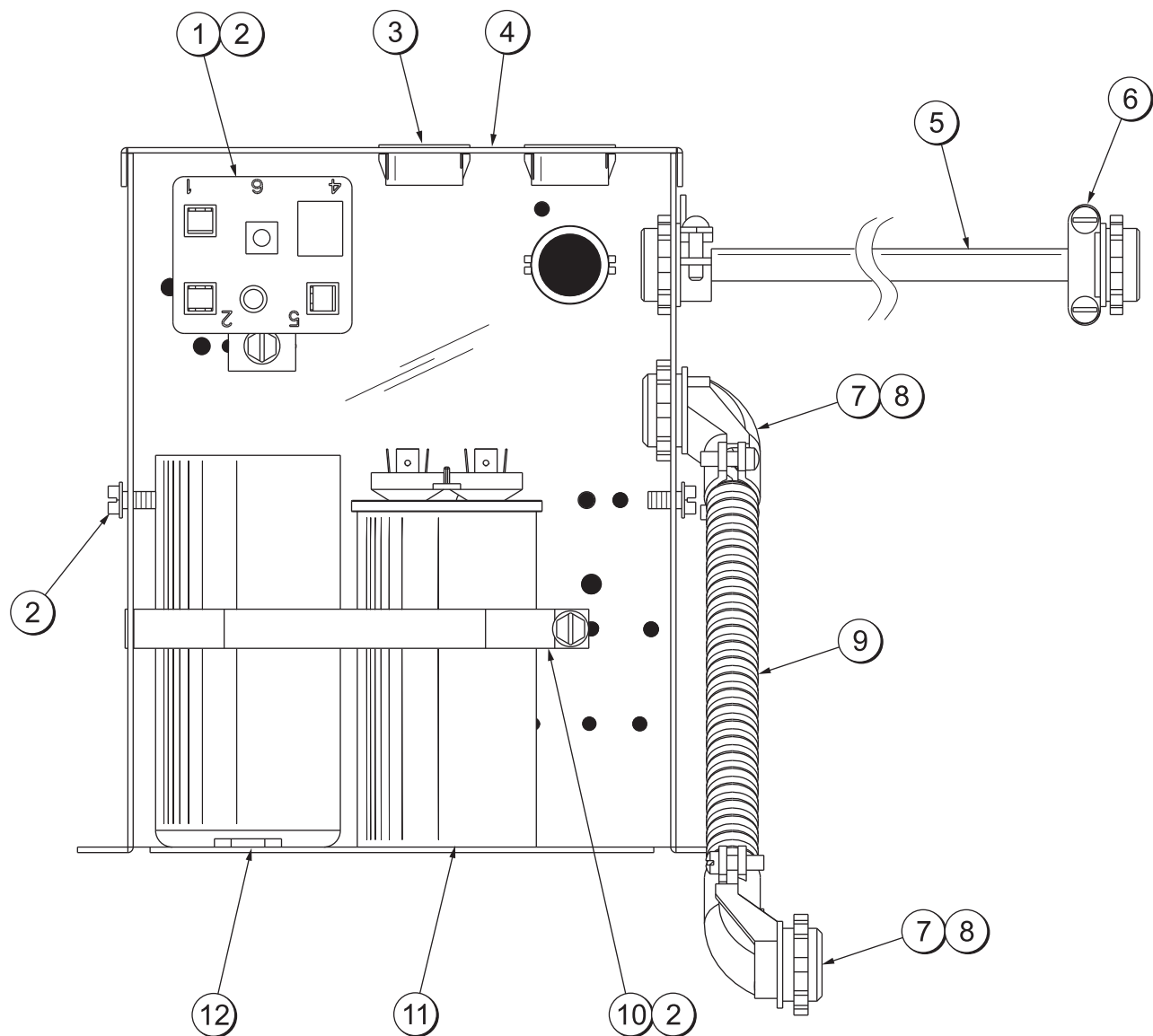
8756/8756P/8757 Blower A. X53725-



ITEM	DESCRIPTION	PART NO.
1	MOTOR-BLOWER-FAN	053481
2	WHEEL-BLOWER	053726
3	HOUSING-BLOWER-6 POLE	053728

ITEM	DESCRIPTION	PART NO.
4	SCREEN-BLOWER	053729
5	CLIP-SCREEN-BLOWER	053730

8756/8756P/8757 Cap & Relay Box A. X52683-

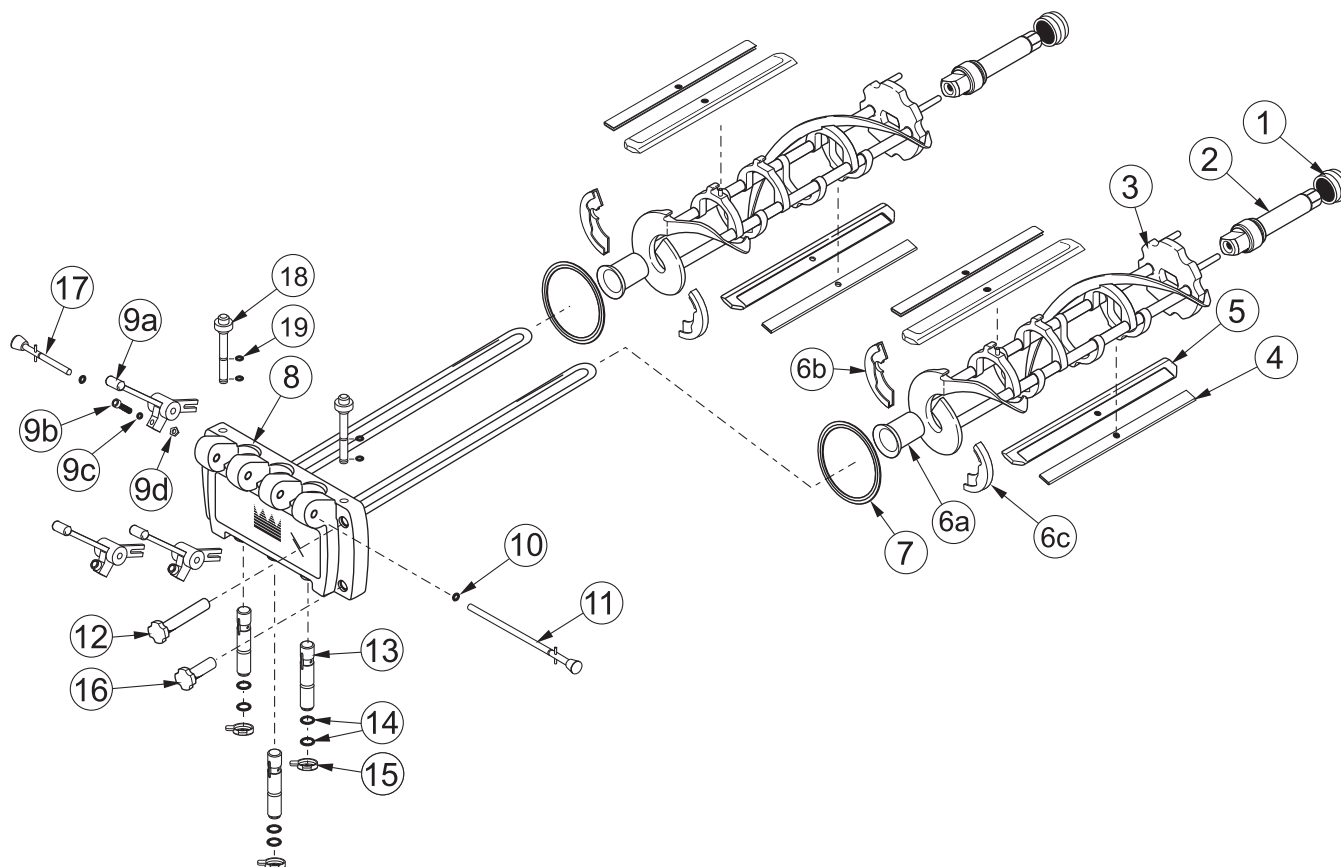


ITEM	DESCRIPTION	PART NO.
1	RELAY-START-COMPRESSOR	051957-
2	SCREW-10 X 3/8 TYPE B-HEX	015582
3	PLUG-HOLE 7/8 DIA.	010077
4	BOX-CAPACITOR RELAY	030183
5	SLEEVE-WIRE .330 ID	020918-52
6	CONNECTOR-BX 3/8 STR	014569
7	CONNECTOR-BX 3/8 90D	001793

ITEM	DESCRIPTION	PART NO.
8	BUSHING-ANTI-SHORT 3/8	019117
9	GREENFIELD-3/8	020495-12
10	STRAP-CAPACITOR 7-11/32	037890
11	CAPACITOR-RUN- 35UF/440V	048132
12	CAPACITOR-START-189-227UF	053106
*	COVER-CAP.RELAY BOX	030315
*	LABEL-WIRING SINGLE PHASE	052396-1

*NOT SHOWN

8756 & 8757 Beater Door Assembly

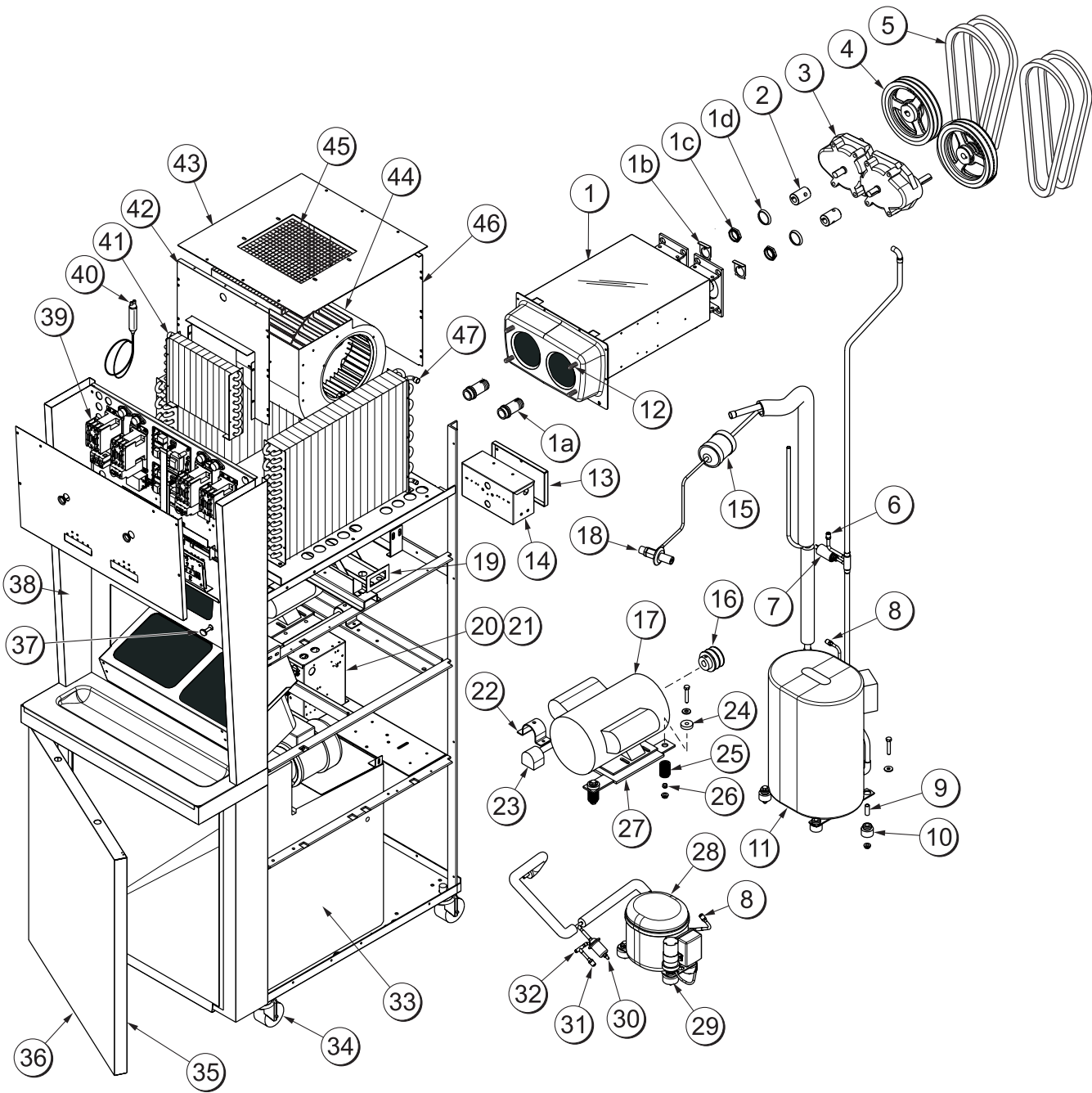


Item	Description	Part No.
1	Seal-Drive Shaft	032560
2	Shaft-Beater	032564
3	Beater A.-3.4 Qt. 1 Pin	X46231
4	Clip-Scraper Blade	046236
5	Blade-Scraper-Plastic	046235
*6a	Bearing-Front	050348
*6b	Shoe-Front Helix-Rear	050346
*6c	Shoe-Front Helix-Front	050347
7	Gasket-Door 4" Double	048926
8	Door A.-3 Spout Long Baffle	X51532-12
9	Handle A.-Draw-Adj.	X33687
9a	Draw Handle-Adj.	028804
9b	Screw-Adjustment	033662

Item	Description	Part No.
9c	O-Ring (Adj. Screw)	015872
9d	Nut-Jam 5/16-24	029639-BLK
10	O-Ring - 5/16 OD x .070 W	016272
11	Rod A.-Pivot	X22387
12	Nut-Stud (Long)	034382
13	Valve A.-Draw (3)	X18303
14	O-Ring - 7/8 OD x .103 W (6)	014402
15	Cap-Design - 1.010" ID	014218
16	Nut-Stud (Short)	034383
17	Rod A.-Pivot	X22388
18	Plug-Prime (2)	028805
19	O-Ring - 3/8 OD x .070 W (4)	016137

*Order Kit X50350

8757 Exploded View

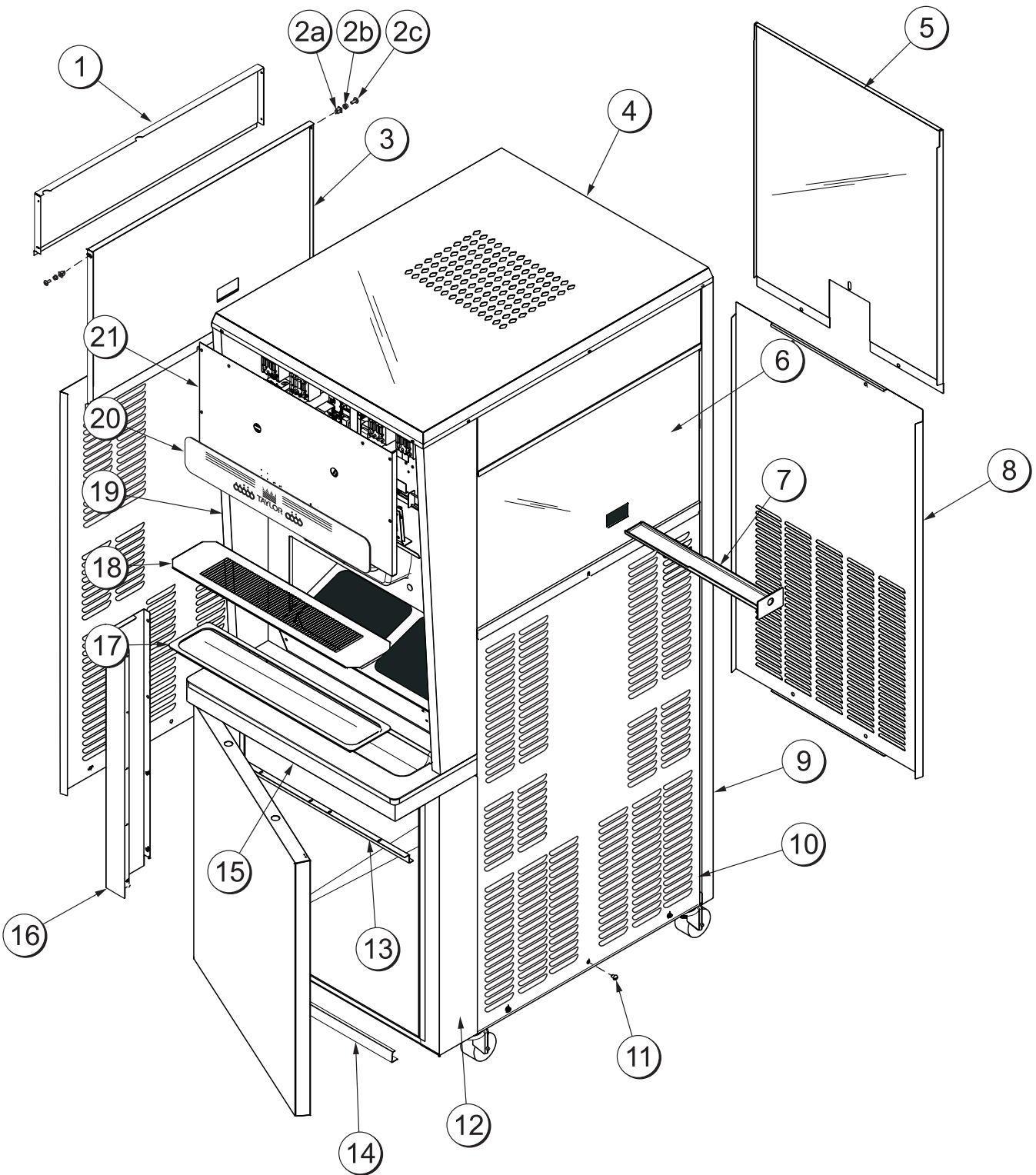


8757 Exploded View Parts Identification

ITEM	DESCRIPTION	PART NO.
1	SHELL A.-INSULATED	X24347
1a	BEARING-REAR SHELL	031324
1b	WASHER-BEARING LOCK	012864
1c	NUT-BRASS BEARING	028991
1d	GUIDE-DRIP SEAL	028992
2	COUPLING-DRIVE 3/4 HEX	012721
3	GEAR A.*REDUCER 4.21:1	021286
4	PULLEY-2AK74-5/8	027822
5	BELT-AX42	023877
6	VALVE-ACCESS 1/4FL X 3/8	043232
7	SWITCH-PRESSURE 405 PSI	052663
8	VALVE-ACCESS-1/4 MFLX1/4	047016
9	SLEEVE-MOUNTING-COMP-AE	039920
10	GROMMET-COMPRESSOR MT	039919
11	COMPRESSOR AEA0415ZXD	048627-
12	STUD-NOSE CONE	022822
13	COVER-SPLICE BOX	042069
14	BOX-SPLICE	042070
15	DRYER-FILTER-HP62-3/8	048901
16	PULLEY-2AK22 X .625-.6265	016403
17	MOTOR-1.5 HP	021522-
18	VALVE-EXP-AUTO-1/4S X1/4	046365
19	GUIDE A.-DRIP PAN	X28628
20	BOX A.-CAP&RELAY	X52683-
20a	COVER-CAP/RELAY BOX	030315
22	CLAMP-MOUNTING	012257

ITEM	DESCRIPTION	PART NO.
23	BUSHING-MOUNTING RUBBER	012258
24	CAP-RUBBER MOUNT	011844
25	SPRING-COMP.970X.115X2.00	025707
26	GROMMET-7/16 X 5/16 SHOCK	016212
27	HINGE A.-MOTOR	X25736
28	COMPRESSOR CS18K6E-PFV	052397-
29	KIT-MOUNTING-COMPRESR.	052197
30	VALVE-EPR-1/4	022665
31	VALVE A.-ACCESS	X49653
32	TEE-1/4 BARB PLAS.	016598
33	CABINET A.-INSUL.MIX	X24799
34	CASTER-SWV-3/4-10 ST. 3IN	021279
35	GASKET-CAB MIX DOOR	024629
36	DOOR A.-INS.MIX-TEMP CTR	X24816-SP1
37	BOLT-CARRIAGE 1/4-20 X 3/4	012347
38	PANEL A.-FRONT	X36711
39	CONTROL A. (SEE PG. 80)	X42792
40	DRYER-TWO CAP.TUBES	049346
41	CONDENSER-AC-9X8 -2 ROW	029797
42	SHROUD-CONDENSER-FRNT	048519
43	SHROUD-CONDENSER-TOP	048518
44	SCREEN-BLOWER	053729
45	BLOWER A.	X53725
46	SHROUD-CONDENSER-REAR	048517
47	CONDENSER-AC-18LX14H	050104

8757 Panels



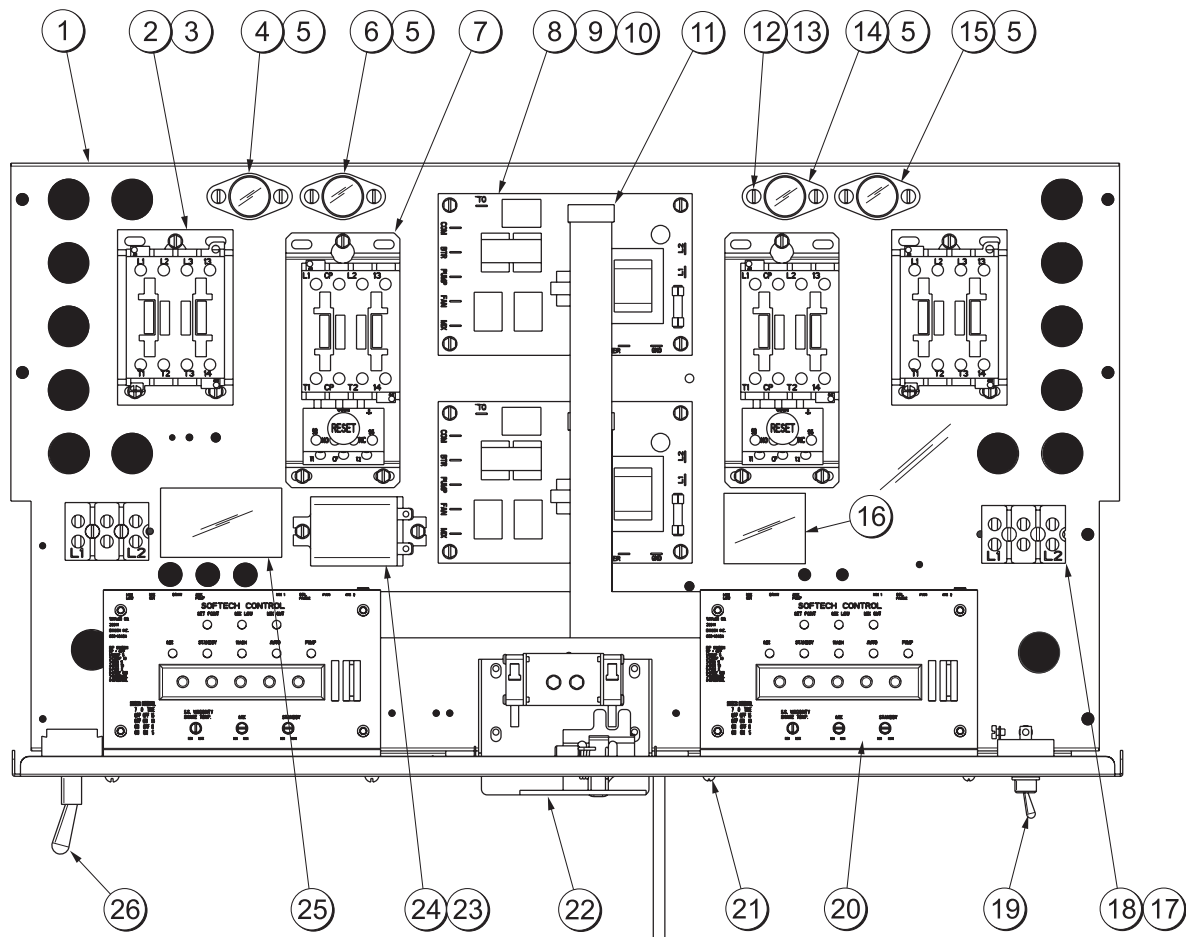
8757 Panel Parts Identification

ITEM	DESCRIPTION	PART NO.
1	TRIM A.-SIDE	X22424
2a	NUT-EXPANSION	025432
2b	WASHER-PLASTIC PIVOT	013808
2c	SCREW-10-24 X 1/2 TAPTITE	002077
3	PANEL-UPPER SIDE L.	028599
4	HOOD	048526
5	PANEL-UPPER REAR	042068
6	PANEL-UPPER SIDE R.	028600
7	PAN-LONG DRIP	036232
8	PANEL-LOWER REAR	042067
9	TRIM-CORNER REAR	036740
10	PANEL A.-LOWER SIDE	X36741

ITEM	DESCRIPTION	PART NO.
11	SCREW-1/4-20 X 3/8 RHM SS	011694
12	TRIM-FRONT R.	024825
13	STRIP-TOP TRIM	024827
14	TRIM-BOTTOM CABINET	024826
15	TRIM A.-SHELF	X36732
16	TRIM-FRONT L.	024824-SP
17	TRAY-DRIP	014533
18	SHIELD-SPLASH	022766
19	PANEL A.-FRONT	X36711
20	DECAL-DEC	036700
21	PLATE A.-DEC	X36746
*	PAN A.-DRIP (VALVE)	X36761

*NOT SHOWN

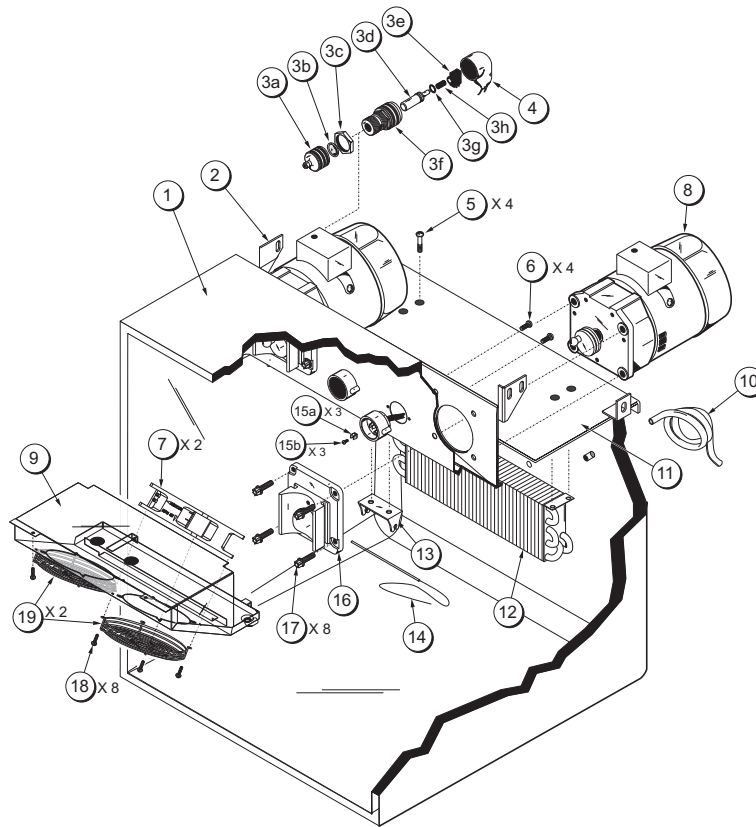
8757 Control A. X42792-



ITEM	DESCRIPTION	PART NO.
1	PANEL A.-CONTROL	X36737
2	RELAY-3 POLE-20A-208/240	012725-
3	SCREW-8X1/4 SL HEX HD TYP B	009894
4	FUSE A.-L1 FEED L.H	X32475
5	FUSE-15 AMP CARTRIDGE	027582
6	FUSE A.-L2 FEED L.H.	X32476
7	STARTER-1 PHASE-4.5 TO 7 A	041950-
8	BOARD-POWER-GEN 1 & 2	032326-
9	INSULATOR-POWER BOARD	032485
10	SCREW-6-32X5/8 TAPTITE HEX	041363
11	CABLE-RIBBON-PWR/RELAY-18	032444
12	SCREW-8-32X3/8 RD HD STEEL	007544
13	NUT-8-32 HEX	000969

ITEM	DESCRIPTION	PART NO.
14	FUSE A.-L2 FEED R.H.	X32478
15	FUSE A.-L1 FEED R.H.	X32477
16	LABEL-LOGIC PANEL-RIGHT	032940
17	BLOCK-TERMINAL 2P-L1,L2	039422
18	SCREW-8 X 1-1/4 RD HD TYP B	039420
19	SWITCH-TOGGLE-SPST-3/4 HP	051974
20	BOARD-LOGIC-GEN 2.6-SD	036641-1
21	SCREW-6-32X1/4 RHM BRASS	013235
22	SWITCH A.-DRAW *TWIN TWIST	X38921
23	RELAY-SPDT-30 A-240 V	032607-
24	SCREW-8 X 3/8 RD HD TYP B	013234
25	LABEL-LOGIC PANEL-LEFT	032939
26	SWITCH-TOGGLE-4PDT ON-NONE-OFF	037394

8757 Mix Cabinet A. X49568-

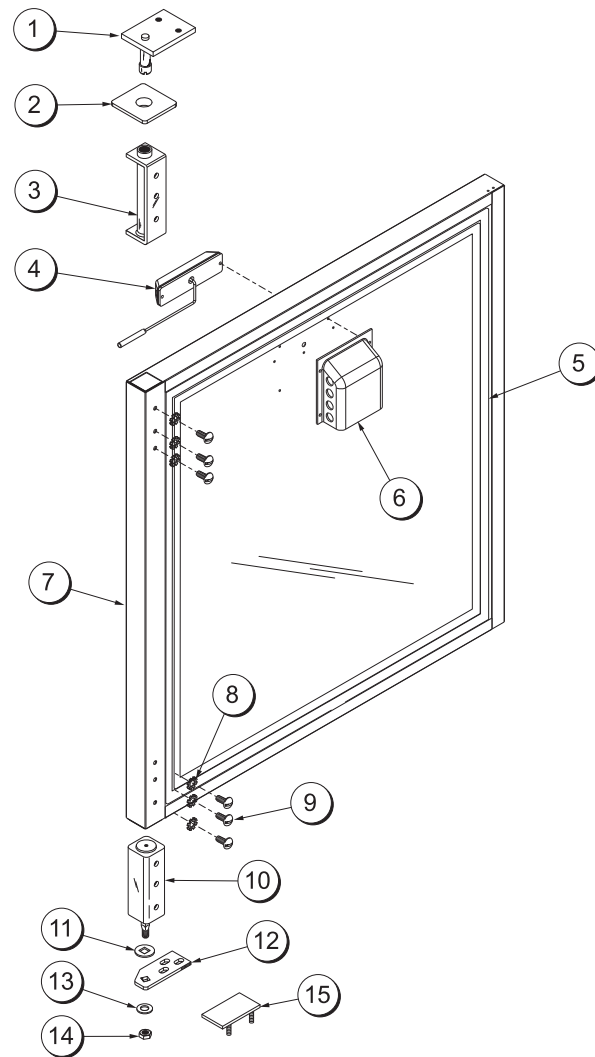


ITEM	DESCRIPTION	PART NO.
1	CABINET A.-INSULATED	X24799
2	SUPPORT-PUMP	X36695
3	SWITCH A.-PRESSURE*DELRIN	X32660
3a	CAP	032635
3b	DIAPHRAGM	020249
3c	NUT-PANEL	032637
3d	PISTON-DELRIN	032634
3e	SWITCH A.-ELECTRIC	X32789
3f	BODY-DELRIN	032633
3g	O-RING-1/2ID X 5/8 OD	017998
3h	SPRING-COMP.480X.047X1.00	032651
4	WIRE A.-PRESSURE*LONG*	X32663
4a	BOOT - PRESSURE SWITCH	032624
5	SCREW-10-32X1 RHM ZP	004455
6	SCREW-6-32X1/2-BINDER-HD	022667
7	MOTOR-FAN	062253-27

ITEM	DESCRIPTION	PART NO.
8	MOTOR-REDUCER 54 RPM-SS	030913-
9	SHROUD A.-EVAP- CABINET	X49124
10	TUBE-VINYL 1/4ID X 1/16WALL	020941-30
11	SUPPORT A.-EVAPORATOR	X24811
12	EVAPORATOR-12L X 4H	X30939
13	BRACKET-THERM. PROBE	033745
14	PROBE A.-THERMISTOR SHORT	X36267
15	SOCKET A.-PROBE	X36615
15a	CLIP-BALL-CONNECTOR	035813
15b	SCREW-5-40-X-1/4-SOCKET	037843
16	ADAPTOR-PUMP	024259
17	SCREW-5/16-18 X 1 TORX HD	022375
18	SCREW-6 X 1/2 TYPE A - SS	022427
19	GUARD-FAN	028534-1
*	BUSHING-SNAP 11/16IDX7/8OD	010548
*	BUSHING-SNAP 3/8IDX1/2OD	018761

*NOT SHOWN

8757 Hinge-Door



ITEM	DESCRIPTION	PART NO.
1	PIN A.-UPPER HINGE	X20315
2	CAP-DOOR	032934
3	BEARING A.-HINGE	X20305
4	INDICATOR-DIGITAL TEMP	051234
5	GASKET-CAB MIX DOOR	024629
6	GUARD-THERMOMETER	023864
7	DOOR A.-INS.MIX-TEMP CTR	X24816-SP1
8	WASHER-#10 SHAKE INT.	024420

ITEM	DESCRIPTION	PART NO.
9	SCREW-10-32X1/4 RHM-ZP	000922
10	HINGE-SELF CLOSING DOOR	020143
11	SHIM-DOOR	036023
12	PLATE-LOWER HINGE	020323
13	SPACER	020741
14	NUT-1/4-28 HEX JAM ZP	029866
15	SUPPORT A.-HINGE	X32521

Parts List

MAIN REFRIGERATION SYSTEM HP-62, 8752 - J6090915/UP, 8756 - J5032993/UP, 8757 - J5111000/UP

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
ADAPTOR-PUMP-CABINET	024259	1	2	2	103		
BEARING A-HINGE	X20305	1	1	1	000		
BEARING-REAR SHELL *NICK.PLATE	031324	1	2	2	000		
+GUIDE-DRIP SEAL	028992	1	2	2	000		
+NUT-BRASS BEARING	028991	1	2	2	000		
+WASHER-BEARING LOCK	012864	1	2	2	000		
BEATER A-3.4QT-1 PIN-SUPPORT	X46231	1	2	2	103		
+BLADE-SCRAPER-PLASTIC 8-1/8L	046235	2	4	4	000		
+CLIP-SCRAPER BLADE	046236	2	4	4	103		
BEARING-FRONT	023262	1			000		
BEARING-FRONT-SHOE	050348		2	2	000	USE W/BEATER SHOES - ORDER X50350 KIT	
BELT-AX35	022848	2			000		
BELT-AX36	022849		4		000	50Hz/60Hz	
BELT-AX42	023877			4	000		
BLOCK-TERMINAL 2P	039422	2	4	4	103	1 PHASE	
BLOCK-TERMINAL 3P	039433	2	4	4	103	3 PHASE	
BLOWER A. (NEW)	X30153-27		1		103	J9025975/UP	139
MOTOR-BLOWER FAN	030157-27		1		103		
BLOWER A.	X47833-27		1	1	103	8756-PRIOR TO J9025975	139
BOOT-CAPACITOR INSULATING	031314		1	1	000		
CAPACITOR-RUN- 10 UF/370V	033047		1	1	103		
HOUSING A.-WWHEEL	X30160		1	1	103		
MOTOR-BLOWER-208/230V 50/60 HZ	046536-27		1	1	103		
BOARD-LOGIC-GEN 2	X36641SER1	1	2	2	212		
BOARD-POWER-GEN 1 & 2	X32326-SER	1	2	2	212		
BRACKET-THERM PROBE	033745	1	1	1	103	MIX CABINET	
BRUSH-DOUBLE ENDED	013072	1	1	1	000		
BRUSH-DRAW VALVE 1"ODX2"X17"L	013073	1	1	1	000		
BRUSH-FEED TUBE 9/16ODX44 DA	021101	1	1	1	000		
BRUSH-MIX PUMP BODY-3"X7"WHITE	023316	1	1	1	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
BRUSH-PRESSURE SWITCH-1/8"DIA	027647	1	2	1	000		
BRUSH-REAR BRG 1IN.DX2IN.LGX14	013071	1	1	1	000		
BRUSH-1/2 INCH DIA.	033059			1	000		
CABINET A.-INSULATED *8752	X21989	1			103		
CABINET A.-INSULATED *8756	X24799		1	1	103		
CABLE-RIBBON-PWR/RELAY-18 IN	032444	1	2	2	103		
CAP-DESIGN-1.010"D-6 POINT	014218	1	3	3	000		
CAP-PUMP	023324	1			103	PUMP COLLAR	
CAP-PUMP	021276-9		2	2	103	PUMP COLLAR	
+PIN-RETAINING	021276-8	2	2	2	103		
CASTER-SWV-3/4-10 ST. 3IN WHL	021279	4	4	4	103		
COLLAR-HOLDING	019481			12	103		
+SCREW-10-32 X 3/4 OVAL HD SS	001086			12	000		
+WASHER-HOLDING COLLAR	037442			6	000		
COMPRESSOR AEA3414APP-AE121EL (R12)	029841-	1	1	1	512	MIX CABINET - PRIOR TO 404A	
COMPRESSOR AEA0415ZXD-AE580ET (404A)	048627-	1	1	1	512	MIX CABINET - 8752-J6090915/UP, 60Hz-8757-J6012711/UP, 8756-J5120589/UP	
+RELAY-START-COMPRESSOR (404A)	050106-27	1	1	1	103	MIX CABINET - 230-60-1	
COMPRESSOR CS18K6E- COPELAND	052397-		1		512	MAIN - 8756 - J9025975/UP	139
+CAPACITOR-RUN 35UF/370V	029439		1		103	230-60-1	139
+CAPACITOR-START 215-259UF/250V	031304		1		103	230-60-1	139
*RELAY-START-COMPRESSOR	052401-27		1		103	230-60-1	139
COMPRESSOR L63A113BBCA - BRISTOL	048259-	1	2	2	512	MAIN - 8756 - PRIOR TO J9025975	139
+CAPACITOR-RUN- 20UF/440V	012906	1	2	2	103	230-60-1	
+CAPACITOR-START-161-193UF/25	031790	1	2	2	103	230-60-1	
*RELAY-START-COMPRESSOR	038145	1	2	2	103	230-60-1	
CONDENSER-AC-18LX14H-4ROW (NEW)	050104		1		103	J9025975/UP	139
CONDENSER-AC-18LX14H-3ROW	048629	1	2	2	103	MAIN - 8756 - PRIOR TO J9025975	139
CONDENSER-AC-9X8 -2 ROW	029797	1	1	1	103	MIX CABINET	
COUPLING-DRIVE 3/4 HEX X 1-7/8	012721	1	2	2	103		
+SCREW-5/16-18 X 5/16 ALLEN SET	042511	2	4	4	000		
COVER-COMPRESSOR-SOUND BARRIER	052816		1		103	J9025975/UP	139

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
COVER A.-MIX TANK	X38726	1			103		
COVER-MIX STORAGE-CENTER	038827	1			103		
+BOOT-MIX COVER	037200	1			000		
COVER-MIX TANK	024590		1	1	103		
COVER-LEFT MIX STORAGE	037138		1	1	103		
+BOOT-MIX COVER	037200		1	1	000		
COVER-RIGHT MIX STORAGE	037139		1	1	103		
+BOOT-MIX COVER	037200		1	1	000		
DECAL-CLEAN INST.-CABINET	024735	1	1	1	000		
DECAL-DEC-SGL-SS-CABINET	033227	1			000		
DECAL-DEC-TWIN-SS-CABINET	032424		1		000		
DECAL-DEC-TAYLOR 8757	036700			1	000		
DECAL-POWER SWITCH	032484	1	1	1	000	(8757 - PRIOR TO J8120000) NEW 8757 POWER SWITCH LABEL - 052632	137
DECAL-TROUBLESHOOTING	038374	1	1	1	000		
DIAGRAM-WIRING *8752*GEN.	037808	1			000		
DIAGRAM-WIRING *8756*GEN.II*	037807		1		000		
DIAGRAM-WIRING *8757*GEN.II*	042793-			1	000		
DOOR A.-1 SPOUT	X51531-10	1			103		
+BEARING-FRONT	023262	1			000		
+GASKET-DOOR HT 4"-DOUBLE	048926	1			000		
+HANDLE A.-DRAW-ADJ.	X26996	1			103		
+HANDLE-ADJUSTABLE	028804	1			103		
+O-RING-1/4 OD X .070W 50 DURO	015872	1			000		
+SCREW-ADJUSTMENT-PLASTIC	026592	1			000		
+O-RING-3/8 OD X .070W	016137	2			000	PRIME PLUG	
+O-RING-5/16 OD X .070W	016272	1			000	PIVOT ROD	
+O-RING-7/8 OD X .103W	014402	2			000	DRAW VALVE	
+PIN A.-PIVOT	X22820	1			103		
+PLUG-PRIME	028805	1			103		
+VALVE A.-DRAW	X18303	1			103		
DOOR A.-3 SPOUT	X51532-12		1	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+GASKET-DOOR-4" SHELL	048926		2	2	000		
+HANDLE A.-DRAW-ADJ.	X33687		3	3	103		
+HANDLE-ADJUSTABLE	028804		3	3	103		
+O-RING-1/4 OD X .070W 50 DURO	015872		3	3	000		
+SCREW-ADJUSTMENT-STAINLESS	033662		3	3	000		
+NUT -5/16-24 18-8 SS JAM	029639-BLK		3	3	000		
+O-RING-3/8 OD X .070W	016137		4	4	000	PRIME PLUG	
+O-RING-5/16 OD X .070W	016272		1	1	000	PIVOT ROD	
+O-RING-7/8 OD X .103W	014402		6	6	000	DRAW VALVE	118
+PLUG-PRIME	028805		2	2	103		
+ROD A.-PIVOT	X22388		1	1	103		
+ROD A.-PIVOT	X22387		1	1	103		
+SEAL-DRAW VALVE	034698		1	1	000	J5080000 THRU J7060000	118
+VALVE A.-DRAW	X18303		3	3	103	J7060000 (3)	118
+VALVE A.-DRAW	X45380		1	1	103	J5080000 THRU J7060000	118
DOOR A.-INS. *5460-1-454-	X22178	1			103		
DOOR A.-INS.MIX-8657/8756	X24816		1		103		
DOOR A.-INS.MIX-TEMP CTR.	X24816-SP1			1	103		
DRYER-CAP. TUBE-HP62 {DUAL}	049346	1	1	1	000	MIX CABINET	104
DRYER-FILTER-HP62-3/8 X 1	048901	1	2	2	000		
EVAPORATOR-12L X 4H X 1-7/8T	X30939	1	1	1	103	MIX CABINET	
FAN-EVAPORATOR 2900RPM-18W/60H	028534-	2	1	1	103	MIX CABINET	
FUNNEL-MIX	036637	1	2	2	103		
FUSE-15 AMP CARTRIDGE	027582	2	4	4	000		
GASKET-MIX DOOR	020134	1			000		
GASKET-CAB MIX DOOR	024629		1	1	000		
GEAR A.*REDUCER	021286	1	2	2	212		
GUARD-FAN	028534-1	2	2	2	103		
GUIDE A.-DRIP PAN *8752*	X28603	1			103		
GUIDE A.-DRIP PAN *8756*	X28628		1	1	103		
HINGE-SELF CLOSING DOOR	020143	1	1	1	103		
PIN A.-UPPER HINGE	X20315	1	1	1	103		
PLATE-LOWER HINGE	020323	1	1	1	103		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
HOLDER-FUSE 300 VOLT PANEL MT.	027581	2	4	4	103		
HOOD	050464	1			103		
HOOD	048526		1	1	103		
INDICATOR-DIGITAL-TEMP SOLAR	051234			1	103	J9050000/UP	
INDICATOR-DIGITAL-TEMP SOLAR	039236			1	103	PRIOR TO J9050000	
JAR-SYRUP-PLASTIC	036573			2	103		
JAR-SYRUP-STAINLESS	036574			2	103		
+LID W/LADLE 1OZ	036575			2	103		
KIT A.-TUNE UP-1 SPOUT-NO	X49463-15	1			000		
BEARING-FRONT	023262	1			000		
CAP-DESIGN-1.010"ID-6 POINT	014218	1			000		
O-RING-7/8 OD X .103W	014402	2			000		
O-RING-3/8 OD X .070W	016137	2			000		
O-RING-5/16 OD X .070W	016272	1			000		
O-RING-1-3/8 OD X .103W-#123	018664	1			000		
RING-CHECK 2 IN OD X 1/2	020050	2			000		
O-RING-2-1/8 OD X .139W-#225	020051	3			000		
DIAPHRAGM-PRESSURE SWITCH	020249	1			000		
O-RING-13/16 OD X .139W	021278	1			000		
SEAL-DRIVE SHAFT	032560	1			000		
RING-CHECK 1-1/4 OD X 3/8	033215	1			000		
TOOL - O-RING REMOVAL	048260-WHT	1			000		
GASKET-DOOR HT 4"-DOUBLE	048926	1			000		
KIT A.-TUNE UP-3 SPOUT-NON HT	X49463-2		1	1	000		
BEARING-FRONT-SHOE	050348		2	2	000		
CAP-DESIGN-1.010"ID-6 POINT	014218		3	3	000		
DIAPHRAGM-PRESSURE SWITCH	020249		2	2	000		
GASKET-DOOR HT 4"-DOUBLE	048926		2	2	000		
O-RING-1-3/8 OD X .103W	018664		2	2	000		
O-RING-13/16 OD X .139W	021278		2	2	000		
O-RING-2-1/8 OD X .139W	020051		6	6	000		
O-RING-3/8 OD X .070W	016137		4	4	000		
O-RING-5/16 OD X .070W	016272		1	1	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
O-RING-7/8 OD X .103W	014402		6	6	000		
RING-CHECK 1-1/4 OD X 3/8	033215		2	2	000		
RING-CHECK 2 IN OD X 1/2	020050		4	4	000		
SEAL-DRAW VALVE	034698		1	1	000	J5080000 THRU J7060000	118
SEAL-DRIVE SHAFT	032560		2	2	000		
SHOE-FRONT HELIX *FRONT*	050347		2	2	000		
SHOE-FRONT HELIX *REAR*	050346		2	2	000		
TOOL- 0-RING REMOVAL	048260-WHT		1	1	000		
LABEL-DOOR-WARN-MOVE PART	032749	1	1	1	000		
LABEL-WARN-COVER	051433	5	6	7	000		
LABEL-SWITCH-HEATER	036551			1	000	PRIOR TO J8120000	137
LABEL-SWITCH-HEATER	052183-SYM			1	000	J8120000/UP	137
LABEL-SWITCH-POWER OFF/ON	052632			1	000	J8120000/UP	137
LINE A.-FLARE	038299	1	2	2	103		
LINE A.-PUMP PRESSURE	X27139	1	2	2	103		
FERRULE-3/8 OD BRASS	030553	2	4	4	000		
SOCKET-QD. 3/16 BARB	020021	2	4	4	103		
TUBE-VINYL 3/16ID X 1/16 WALL	020940-16	1	2	2	000		
LUBRICANT-TAYLOR 4 OZ.	047518	1	1	1	000		
MAN-OPER 8752/8756/8757	028752-M	1	1	1	000		
MOTOR-FAN 9 WATT 1550RPM-	012768-	1			103	MIX CABINET	
*FAN-5 BLADE 7 " PUSH 30D	016289	1			103		
MOTOR-FAN 120 W 208/230V 60H	041401-	1			103	MAIN SYSTEM	
*CAPACITOR-RUN- 4UF-370V	019624	1			103		
*FAN-5 BLADE 12"PUSH 32DEG	047279	1			103		
MOTOR-1.5 HP	021522-	1	2	2	212		
MOTOR-REDUCER 54 RPM-SS	030913-	1	2	2	103		
NUT-STUD *GENERAL USAGE*	021508	4			103	HANDSCREWS	
NUT-STUD *460-664-754-56*LONG	034382		2	2	103	HANDSCREWS	
NUT-STUD *460-664-754-56*SHORT	034383		2	2	103	HANDSCREWS	
PAIL-MIX 10 QT.	013163	2	2	2	000		
PAN A.-DRIP *8752*	X23008	1			103	EXPANSION VALVE	
PAN A.-DRIP *8756*	X22811		1		103	EXPANSION VALVE	

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
PAN A.-DRIP *8757*	X36761			1	103	EXPANSION VALVE	
PAN-DRIP 11-5/8 LONG	027503	1			103		
PAN-DRIP 17-1/4" LONG	027504		1		103		
PAN-DRIP 17-1/4" LONG	036232			1	103	8" NOTCH AT REAR	
PANEL A.-FRONT *8752*	X22997	1			103		
PANEL A.-FRONT *8756*	X22879		1		103		
PANEL A.-FRONT *8757*	X36711			1	103		
PANEL A.-LOWER SIDE	X23956	2	2		103	RIGHT & LEFT	
PANEL A.-LOWER SIDE	X36741			2	103	RIGHT & LEFT	
PANEL-LOWER REAR *5454-87	025128	1			103		
PANEL-LOWER REAR *657-756*	023598		1		103		
PANEL-LOWER REAR *8757*	042067			1	103		
PANEL-UPPER REAR *454-8-7	022074	1			103		
PANEL-UPPER REAR *657-756*	022015		1		103		
PANEL-UPPER REAR *8757*	042068			1	103		
PANEL-UPPER SIDE LEFT	028599	1	1	1	103	HINGED	
PANEL-UPPER SIDE RIGHT	028600	1	1	1	103	HINGED	
PIN-PIVOT	013592		2	2	103	FOR RESET	
PLATE-DEC-8752	033347	1			103		
PLATE A.-DEC-8756	X32138		1		103		
PLATE A.-DEC-8757	X32138			1	103		
PLUG-DRIP TRAY HOLE	029595	1	1	1	000		
PROBE A.-MIX-W/BALL CONNECTORS	X35981	1	2	2	103	MIX CABINET	
PROBE A.-THERMISTOR	X31602	1	2	2	103	BARREL	
PROBE A.-THERMISTOR *SHORT*	X36267	1	1	1	103	MIX CABINET	
* BRACKET-THERMISTOR PROBE	033745	1	1	1	103	MIX CABINET	
PULLEY-2AK22 X .625-.6265	016403	1	2	2	103	BEATER MOTOR	
PULLEY-2AK74-5/8	027822	1	2	2	103	GEAR	
PUMP A.-COAX *SS*A*	X36201	1	2	2	103		
BODY A.-COAX VALVE *SS*A*	X36202	1	2	2	103		
CYLINDER A.-PUMP	022345-1	1	2	2	103		
ELBOW-INLET 90 DEG.	022502-4	1	2	2	103		
O-RING-1-3/8 OD X .103W	018664	1	2	2	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
O-RING-13/16 OD X .139W	021278	1	2	2	000		
O-RING-2-1/8 OD X .139W	020051	3	6	6	000		
PIN-RETAINING	021276-8	1	2	2	103		
PISTON-COAX PUMP *A* WHITE	032733	1	2	2	103		
POPPET-RUBBER-BLACK	022473	1	2	2	000		
RING-CHECK 1-1/4 OD X 3/8	033215	1	2	2	000		
RING-CHECK 2 IN OD X 1/2	020050	2	4	4	000		
SPRING-TAPERED 1-7/8L	022456	1	2	2	103		
PUMP A.-SYRUP-TAN	036623			2	103		
RELAY-3 POLE-20A-208/240 50/60	012725-	2	2	2	103		
RELAY-SPDT-30 A-240 V	032607-		1	1	103		
RELAY-OVRD	049651-	1			103		
SANITIZER KAY-5 (125 PACKETS)	041082	1		1	000		
SANITIZER-STERIA SHEET-GREEN	065293		1		000		
SHAFT-BEATER	032564	1	2	2	103		
+SEAL-DRIVE SHAFT	032560	1	2	2	000		
SHELL A.-INSULATED *8752*	X24369	1			512		
+STUD-NOSE CONE	022822	4			103		
SHELL A.-INSULATED *8756*	X24347		1	1	512		
+STUD-NOSE CONE	022822		4	4	103		
SHIELD-SPLASH *5454-8-752	022765	1			103		
SHIELD-SPLASH 23 L	022766		1	1	103		
SHROUD A.-EVAPORATOR	X49124	1	1	1	103	MIX CABINET (8756-J5120589/UP)	104
SHROUD A.-EVAPORATOR	X21983		1		103	MIX CABINET (J5032993-J5120588)	104
SOCKET A.-PROBE*BALL&SOCK*60IN	X36615	1	2	2	103		
CLIP-BALL CONNECTOR	035813	3	6	6	000		
SCREW-5-40 X 1/4 SOCKET CAP SS	037843	3	6	6	000		
STARTER	041950-		2	2	103		
STRIP-TOP TRIM	024827		1	1	103		
SWITCH-PRESSURE 440 PSI-S	048230	1	2	2	103		
SWITCH-TOGGLE-4PDT*ON-NONE-ON	024295	1			103		
SWITCH-TOGGLE-DPDT*ON-NONE-ON	037394		1		103		
SWITCH-TOGGLE-SPST	012626			1	103	PRIOR TO J8120000	137

+ Available Separately
071018

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
SWITCH-TOGGLE-SPST	015974			1	103	J8120000/UP	137
SWITCH A.-DRAW	X33322	1			103		
ARM A.-DRAW *750-1-2*MC*	X33326	1			103		
BRACKET A.-SWITCH *750-1-2*M	X33323	1			103		
E-RING 3/16 .335 O.D.	049178	1			000		
PIN-PIVOT	015478	1			103		
SPRING-RETURN R.	023488	1			103		
SWITCH-LEVER-SPDT-10A-125-25	028889	1			103		
SWITCH A.-DRAW *TWIN TWIST	X38921		1	1	103		
ARM-SWITCH-DRAW-LEFT	038649		1	1	103		
ARM-SWITCH-DRAW-RIGHT	038650		1	1	103		
BRACKET A.-SWITCH *338-39-754	X38252		1	1	103		
E-RING 1/4	032190		2	2	000		
PIN-PIVOT-DRAW SWITCH	038484		1	1	103		
SPRING-RETURN L.	023487		1	1	103		
SPRING-RETURN R.	023488		1	1	103		
SWITCH A.-DRAW-TWIN TWIST	X39269		1	1	103		
BRACKET-DRAW SWITCH-TWIN TWIST	039264		1	1	103		
SWITCH-LEVER-SPDT-11A-125-277V	039252		2	2	103		
SWITCH A.-PRESSURE*DELRIN CAP*	X32660	1	2	2	103	MIX CABINET	
BODY-PRESSURE SWITCH*DELRIN*	032633	1	2	2	103		
CAP-PRESSURE SWITCH	032635	1	2	2	000		
DIAPHRAGM-PRESSURE SWITCH	020249	1	2	2	000		
O-RING-1/2ID X 5/8 OD	017998	1	2	2	000		
PISTON-PRESSURE SWITCH*DELRIN	032634	1	2	2	103		
SPRING-COMP.480X.047X1.00	032651	1	2	2	103		
SWITCH-PLUNGER-SPDT15A125-250V	032260	1	2	2	103		
TANK-MIX-15 GALLON-PLASTIC	020275	1			103		
TANK A.-MIX W/DECALS	X38755		2	2	103		
DECAL-MIX TANK-RIGHT SIDE OUT	038751		2	2	000		
DECAL-MIX TANK-WRONG SIDE OUT	038750		2	2	000		
TANK-MIX 9-GALLON TAPERED BTM	034928		2	2	103		
TOOL-LIQ.VALVE BODY EXTRACTING	035793	1	1	1	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
TRAY-DRIP 16-7/8L X 5-1/8	020157	1			103		
TRAY-DRIP 22-7/8L X 5-1/8W	014533		1	1	103		
TRIM A.-SHELF *5454-8752*	X20426	1			103	BELOW DRIP TRAY	
TRIM A.-SHELF *657-756*	X24813		1		103	BELOW DRIP TRAY	
TRIM A.-SHELF *8757*	X36732			1	103	BELOW DRIP TRAY	
TRIM A.-UPPER SIDE *5454-	X22423	2			103		
TRIM A.-SIDE *657-756*	X22424		2	2	103		
TRIM-BOTTOM MIX DOOR	024974	1			103		
TRIM-BOTTOM MIX DOOR	024826		1	1	103		
TRIM-REAR CORNER *5454-87	022071	2			103		
TRIM-REAR CORNER *657-756*	022013		2		103		
TRIM-REAR CORNER *8757*	036740			2	103		
TRIM-FRONT LEFT	024824-SP	1	1	1	103		
TRIM-FRONT RIGHT	024825	1	1	1	103		
TRIM-TOP MIX DOOR	024976	1			103		
TRIM-TOP MIX DOOR			1	1		SEE STRIP-TOP TRIM (024827)	
TUBE A.-MIX INLET	X23124	1	2		103		
TUBE A.-MIX INLET	X36735			2	103		
+O-RING-13/16 OD X .103W	019330	1	2	2	000		
+SEAL-INLET TUBE	032886	1	2	1	000		
TUBE A.-SUCTION *22 INCH*	X20450	1			103		
COUNTERWEIGHT-SUCTION TUBE	020452	1			103		
TUBE-VINYL 5/8 ID X 1/8 WALL	020945-22	1			000	BULK P/N R30326	
TUBE A.-SUCTION *18 INCH*	X37293		2	2	103		
COUNTERWEIGHT-SUCTION TUBE	020452		2	2	103		
TUBE-VINYL 5/8 ID X 1/8 WALL	020945-18		2	2	000	BULK P/N R30326	
TUBE-VINYL 1/4ID X 1/16WALL	020941-30		1	1	000	BULK P/N R30312 MIX CAB SHROUD	
TUBE-VINYL 1/4ID X 1/16WALL	020941-36	1	1	1	000	BULK P/N R30312 AXV DRAIN	
VALVE-ACCESS 1/4 X 3/8 SOLDER	029406	1	1	1	103		
VALVE-ACCESS 1/4FL X 1/4SOLDER	044404	1	1	1	103		
VALVE-ACCESS 1/4FL X 3/8S	044455	1			103		
VALVE-ACCESS 1/4FL X 3/8SOLDER	043232		2	2	103		

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
VALVE-ACCESS-1/4 MFLX1/4 S-90	047016	1	2	2	103		
VALVE-EPR 1/4S	022665	1	1	1	103	MIX CABINET	104
VALVE-EXP-AUTO-1/4S X1/4 FPT	046365	1	2	2	103		
+BOOT-EXPANSION VALVE	050900	1	2	2	000		
VIDEO-TRAIN FILM-SS-CABINET	038417-V	1	1	1	000		
WIRE A.-PRESSURE*LONG*	X32663	1	2	2	103	FOR X32660 PRESSURE SWITCH	
* BOOT-PRESSURE SWITCH	032624	1	2	2	000		
WATER COOLED							
BRACKET-FAN	022077	1			103		
BRACKET-FAN	048524		1	1	103		
CONDENSER-WC-COAX	048287	1	2	2	103		
ENCLOSURE-FAN *8657-8756*	X31852		1	1	103		
FAN-5 BLADE 7 " PUSH 30D	016289	1	2	2	103		
HOSE-RUBBER 1/2"D X 7/8"	R50200	10ft	17ft	25ft	000		
MOTOR-FAN 9 WATT 1450RPM-	012768-	1	2	2	103		
OUTLET A.-TEE	X25900		1	1	103		
SHROUD A.-CONDENSER *8657	X30957		1	1	103		
VALVE-WATER 3/8 REG/HEAD	046686	1	2	2	103		
SWITCH-PRESSURE 350 PSI-SOLDER	048231	1	2	2	103		
50Hz							
BELT-AX36	022849	2			000		
BELT-AX43	022865			4	000		
BLOCK-TERMINAL 2P	039421	2			103	SINGLE PHASE	
BLOCK-TERMINAL 2P	039422		4	4	103	SINGLE PHASE	
BLOCK-TERMINAL 3P	039423	2	4	4	103	THREE PHASE	
BLOCK-TERMINAL 4P	039424	2	4	4	103	THREE PHASE	
COMPRESSOR - CS18K6E - COPELAND	052397-		2		512	MAIN	
+ CAPACITOR-RUN- 45UF/370V	052400		2		103	MAIN - SINGLE PHASE	
+ CAPACITOR-START-145-175UF/250V	052399		2		103	MAIN - SINGLE PHASE	
+ RELAY-START-COMPRESSOR	052401-27		2		103	MAIN - SINGLE PHASE	
COMPRESSOR L63A113BBKA - BRISTOL	048259-40	1	2	2	512	MAIN	

+ Available Separately

DESCRIPTION	PART NUMBER	8752 QTY.	8756 QTY.	8757 QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+ CAPACITOR-RUN- 25UF/370V	023739	1	2	2	103	MAIN - SINGLE PHASE	
+ CAPACITOR-START-161-193UF/250V	031790	1	2	2	103	MAIN - SINGLE PHASE	
+ RELAY-START-COMPRESSOR	038146	1	2	2	103	MAIN - SINGLE PHASE	
COMPRESSOR AEA0415ZXC-AE580JT - TECUMSEH	048627-40	1	1	1	512	MIX CABINET	
INDICATOR-DIGITAL TEMP-SOLAR (CELSIUS)	051234-C			1	103	J9050000/UP	
RELAY-START-COMPRESSOR	050107-40	1	1	1	103	MIX CABINET - SINGLE PHASE	
PULLEY-2AK27 x .625-.6265	011545	1	2	2	103	BEATER MOTOR	
VIDEO-TRAIN FILM-SS-CABINET	038417-PAL	1	1	1	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
ADAPTOR-PUMP-CABINET-PERISTALTIC	051947	1	2	103		
BEARING-REAR SHELL *NICK.PLATE	031324	1	2	000		
+GUIDE-DRIP SEAL	028992	1	2	000		
+NUT-BRASS BEARING	028991	1	2	000		
+WASHER-BEARING LOCK	012864	1	2	000		
BEATER A.-3.4QT-1 PIN-SUPPORT	X46231	1	2	103		
+BLADE-SCRAPER-PLASTIC 8-1/8L	046235	2	4	000		
+CLIP-SCRAPER BLADE	046236	2	4	103		
BEARING-FRONT	023262	1		000		
BEARING-FRONT-SHOE	050348		2	000	USE W/BEATER SHOES - ORDER X50350 SHOE KIT	
BELT-AX35	022848	2		000		
BELT-AX36	022849		4	000		
BLOCK-TERMINAL 2P	039422	2	4	103	230-60-1	
BLOCK-TERMINAL 3P	039423	2	4	103	230-60-3	
BLOWER A.	X30153-27		1	103	J9013732/UP	
HOUSING A.-W/WHEEL	X30160		1	103		
MOTOR-BLOWER-FAN-230V	030157-27		1	103		
BLOWER A.	X47833-27		1	103		
HOUSING A.-W/WHEEL	X30160		1	103		
MOTOR-BLOWER 208/230-50/60	046536-27		1	103		
CAPACITOR-RUN 10UR/370V	033047		1	103		
BOOT-CAPACITOR	031314		1	000		
BOARD-LOGIC-GEN 2	X36641SER1	1	2	212		
BOARD-POWER-GEN 1 & 2	X32326-SER	1	2	212		
BRACKET-MOUNTING RESET	050070	1		103		
BRACKET A.-RESET BUTTON	X22004		2	103		
+ PIN-PIVOT	013592		2	103		
+ EYELET-RESET BUTTON	013739	1	2	103		
BRUSH-DOUBLE ENDED-PUMP&FEED TUBE	013072	1	1	000		
BRUSH-DRAW VALVE 1"ODX2"X17"L	013073	1	1	000		
BRUSH-FEED TUBE 9/16ODX44 DA	021101	1	1	000		
BRUSH-MIX PUMP BODY-3"X7"WHITE	023316	1	1	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
BRUSH-PRESSURE SWITCH-1/8"DIA	027647	1	2	000		
BRUSH-REAR BRG 1IN.DX2IN.LGX14	013071	1	1	000		
CABINET A.-INSULATED	X52622	1		103		
CABINET A.-INSULATED	X51998		1	103		
CABLE-RIBBON-PWR/RELAY-18 IN	032444	1	2	103		
CAP-DESIGN-1.010"ID-6 POINT	014218	1	3	000		
CASTER-SWV-3/4-10 ST. 3IN WHL	021279	4	4	103		
CLAMP-HOSE-ADJ 7/32 X 5/8 ID	016551	1	2	000	FOR 051888 PUMP TUBE	
COMPRESSOR A.-AIR (SEE BREAKDOWN)						
COMPRESSOR-AIR	032129-27	1	1	103		
CROSS-1/4 FPT	077339		1	103		
FILTER-1/4 FPT - AUTO DRAIN	077017	1	1	000		
LINE A.-AIR SUPPLY - 24 INCH	X34654	1	2	103		
ADAPTOR-SWIVEL 1/4F X 1/4BARB	016715	2	4	103		
TUBE-NYLOGRADE 1/4 ID X 7/16 OD	020568-24	1	2	000	BULK - R30317	
FERRULE .475 ID NP BRASS	021082	2	4	000		
LINE A.-AIR INJECTION	X51861	1	2	103		
ADAPTOR-SWIVEL 1/4F X 1/4BARB	016715	1	2	103		
TUBE-NYLOGRADE 1/4 ID X 7/16 OD	020568-20	1	2	000	BULK - R30317	
FERRULE .475 ID NP BRASS	021082	2	4	000		
FITTING-AIR INJECTION	051862	1	2	103		
ROTOMETER-PERISTALTIC PUMP	051860	1	2	103	FLOW METER	
TUBE-VINYL 1/8 ID X 1/16 WALL	020938-60	1	1	000	BULK - R30301 (DRAIN)	
VALVE-RELIEF 30 PSI 1/8 MPT	039365	1	1	103		
VALVE-SOLENOID 7/32 ORF X 1/4 FP	047496-27		2	103	AIR TO APPROPRIATE CYLINDER	
COMPRESSOR AEA0415ZXD-AE580ET	048627-	1	1	512	MIX CABINET	
+RELAY-START-COMPRESSOR	050106-27	1	1	103	230-60-1	
COMPRESSOR CS18K6E-PFV (NEW)	052397-		2	512	MAIN - COPELAND - J9013732/UJP	
+CAPACITOR-RUN- 35UF-370V	029439		2	103	230-60-1 - COPELAND	
+CAPACITOR-START-216-259UF-250V	031304		2	103	230-60-1 - COPELAND	
+RELAY-START-COMPRESSOR	052401-27		2	103	230-60-1 - COPELAND	
+KIT-MOUNTING-COMPRESSOR	052197		2	000		
COMPRESSOR L63A113BBC2	048259-27	1	2	512	MAIN - BRISTOL - PRIOR TO J9013732	
+CAPACITOR-RUN 20UF/440V	012906	1	2	103	230-60-1 - BRISTOL	

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+CAPACITOR-START - 161-193UF/250V	031790	1	2	103	230-60-1 - BRISTOL	
+RELAY-START COMPRESSOR	038145	1	2	103	230-60-1 - BRISTOL	
CONDENSER-AC-18LX14H-4ROW	050104		2	103	MAIN - J9013732/UP	
CONDENSER-AC-18LX14H-3ROW	048629	1	2	103	MAIN - PRIOR TO J9013732	
CONDENSER-AC-9X8 -2 ROW	029797	1	1	103	MIX CABINET	
COUPLING-DRIVE 3/4 HEX X 1-7/8	012721	1	2	103		
+SCREW-5/16-18 X 5/16 ALLEN SET	042511	2	4	000		
COVER-COMPRESSOR-SOUND BARRIER	052816		2	103	J9013732/UP	
COVER A-MIX TANK-SINGLE	X38726	1		103		
COVER-MIX STORAGE-CENTER	038827	1		103		
+BOOT-MIX COVER	037200	1		000		
COVER A-MIX TANK-SINGLE	X53266		1	103	RIGHT SIDE - J9013732/UP	
COVER A-MIX TANK-SINGLE	X53268		1	103	LEFT SIDE - J9013732/UP	
COVER-MIX TANK	024590		1	103	PRIOR TO J9013732	
COVER-MIX STORAGE-LEFT	037138		1	103		
COVER-MIX STORAGE-RIGHT	037139		1	103		
+BOOT-MIX COVER	037200		2	000		
DECAL-CLEAN INST.-CABINET	024735	1	1	000		
DECAL-DEC-TAYLOR	033227	1		000		
DECAL-DEC-TAYLOR	032424		1	000		
DECAL-HORIZON	052392	1	1	000	MIX CABINET DOOR	
DECAL-POWER SWITCH	032484	1	1	000		
DECAL-TROUBLESHOOTING	038374	1	1	000		
DIAGRAM-WIRING	052127-	1		000		
DIAGRAM-WIRING	051900-		1	000		
DOOR A-1 SPOUT	X51531-10	1		103		
+GASKET-DOOR-4"SHELL	048926	1		000		
+HANDLE A.-DRAW-ADJ.	X26996	1		103		
+HANDLE-ADJUSTABLE	028804	1		103		
+O-RING-1/4 OD X .070W 50 DURO	015872	1		000		
+SCREW-ADJUSTABLE-PLASTIC	026592	1		000		
+O-RING-3/8 OD X .070W	016137	2		000	PRIME PLUG	
+O-RING-5/16 OD X .070W	016272	1		000	PIVOT ROD	
+O-RING-7/8 OD X .103W	014402	2		000	DRAW VALVE	

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+PLUG-PRIME	028805	1		103		
+PIN A.-PIVOT	X22820	1		103		
+VALVE A.-DRAW	X18303	1		103		
DOOR A.-3 SPOUT	X51532-12		1	103	INCLUDES DECAL - 021521	
+GASKET-DOOR-4" SHELL	048926		2	000		
+HANDLE A.-DRAW-ADJ.	X33687		3	103		
+HANDLE-ADJUSTABLE	028804		3	103		
+O-RING-1/4 OD X .070W 50 DURO	015872		3	000		
+SCREW-ADJUSTMENT-STAINLESS	033662		3	000		
* NUT-5/16-24 18-8 SS JAM	029639-BLK		3	000		
+O-RING-3/8 OD X .070W	016137		4	000	PRIME PLUG	
+O-RING-5/16 OD X .070W	016272		2	000	PIVOT ROD	
+O-RING-7/8 OD X .103W	014402		5	000	DRAW VALVE	
+PLUG-PRIME	028805		2	103		
+ROD A.-PIVOT	X22388		1	103	SHORT	
+ROD A.-PIVOT	X22387		1	103	LONG	
+SEAL-DRAW VALVE	034698		1	000	CENTER DRAW VALVE	
+VALVE A.-DRAW	X18303		2	103		
+VALVE A.-DRAW	X37376		1	103	CENTER	
DOOR A.-INS.MIX-5450-1-5454	X22178	1		103	MIX CABINET	
DOOR A.-INS.MIX-8657/8756/8757	X24816		1	103	MIX CABINET	
DRYER-CAP. TUBE-HP62 {DUAL}	049346	1	1	000	MIX CABINET	
DRYER-FILTER-HP62-3/8 X 1/4S	048901	1	2	000	MAIN	
EVAPORATOR-12L X 4H X 1-7/8T	X30939	1	1	103	MIX CABINET	
FAN-EVAPORATOR 2900RPM-18W/60H	028534-	2	2	103	MIX CABINET	
FASTENER-CLIP 1/4-20 U TYPE 8	045865		8	000	PANELS	
FITTING-PUMP INLET	053691	1	2	103	NEW STYLE K0042408 (SEE SRV ALERT)	SFT02100
FITTING-PUMP-OUTLET	053692	1	2	103	NEW STYLE K0042408 (SEE SRV ALERT)	SFT02100
FUNNEL-MIX	036637	1	2	103		
FUSE-15 AMP CARTRIDGE	027582	2	4	000		
GASKET-CAB MIX DOOR	020134	1		000		
GASKET-CAB MIX DOOR	024629		1	000		
GEAR A.*REDUCER	021286	1	2	212		
GUARD-FAN	028534-1	2	2	103	MIX CABINET	

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
GUIDE A.-DRIP PAN *8752*	X28603	1		103		
GUIDE A.-DRIP PAN *8756*	X28628		1	103		
HINGE-SELF CLOSING DOOR	020143	1	1	103		
+ BEARING A.-HINGE	X20305	1	1	000		
+ CAP-DOOR	032934	1	1	000		
+ PIN A.-UPPER HINGE	X20315	1	1	103		
+ PLATE-LOWER HINGE	020323	1	1	103		
+ SPACER-HINGE	020741	1	2	000		
+ SHIM-DOOR	036023	2	2	103		
+ SUPPORT A.-HINGE	X32521	1	1	103		
HOLDER-FUSE 300 VOLT PANEL MT.	027581	2	4	103		
HOOD	050464	1		103		
HOOD	048526		1	103		
HOUSING-FRONT-PUMP *PERISTALTIC*	051885	1	2	103		
HOUSING-REAR-PUMP *PERISTALTIC*	051886	1	2	103		
KIT A.-TUNE UP-1 SPOUT-NON HT	X49463-37	1		000		
BEARING-FRONT	023262	1		000		
CAP-DESIGN-1.010"ID-6 POINT	014218	1		000		
GASKET-DOOR HT 4"-DOUBLE	048926	1		000		
O-RING-7/8 OD X .103W	014402	2		000	DRAW VALVE	
O-RING-3/8 OD X .070W	016137	2		000	PRIME PLUG	
O-RING-5/16 OD X .070W	016272	1		000	PIVOT PIN	
SEAL-DRIVE SHAFT	032560	1		000		
TOOL-0-RING REMOVAL	048260-WHT	1		000		
KIT A.-TUNE UP-3 SPOUT-NON HT	X49463-36		1	000		
BEARING-FRONT-SHOE	050348		2	000		
CAP-DESIGN-1.010"ID-6 POINT	014218		3	000		
GASKET-DOOR HT 4"-DOUBLE	048926		2	000		
O-RING-7/8 OD X .103W	014402		5	000	DRAW VALVE	
O-RING-3/8 OD X .070W	016137		4	000	PRIME PLUG	
O-RING-5/16 OD X .070W	016272		2	000	PIVOT PIN	
SEAL-DRAW VALVE	034698		1	000	CENTER DRAW VALVE	
SEAL-DRIVE SHAFT	032560		2	000		
SHOE-FRONT HELIX *FRONT*	050347		2	000		

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
SHOE-FRONT HELIX *REAR*	050346		2	000		
TOOL- 0-RING REMOVAL	048260-WHT		1	000		
KIT A.-TUNE UP-PUMP-HORIZON	X53079-3	1	2	000	FOR HORIZON PUMP	
CLAMP-HOSE-ADJ 7/32 X 5/8 ID	016551	1	2	000		
DIAPHRAGM-PRESSURE SWITCH	020249	1	2	000		
O-RING-13/16 OD X .139W	021278	1	2	000	CHECK VALVE BODY	
POPPET-RUBBER-BLACK	022473	1	2	000		
TUBE-PUMP-PERISTALTIC	051888	1	2	000		
SPRING-COMP.300 X .022 X 1.25 SS	051941	1	2	000	CHECK VALVE	
LABEL-AIR DISCHARGE	023848	1	2	000		
LABEL-DOOR-WARN-MOVE PARTS	032749	1	1	000		
LABEL-ROTATE-PULL-PUMP DRIVE	051387		1	000		
LABEL-WARN-MOVE PARTS	052180-SYM	1	2	000		
LABEL-WARN-COVER	051433	5	6	000		
LINE A.-AIR LINE - 11 INCH	X51939	2	4	103		
SOCKET-Q.D.	020021	4	8	103		
TUBE-VINYL 3/16 ID X 1/16 WALL	020940-11	2	4	000	BULK - R30314	
FERRULE-3/8 OD BRASS	030553	4	8	000		
LINE A.-FLARE - 9 INCH	038299	1	2	103		
LUBRICANT-TAYLOR 4 OZ.	047518	1	1	000	36 TUBES PER CASE	
MAN-OPER 8752/8756/8757	028752-M	1	1	000		
MOTOR-FAN 9 WATT	012768-27	1		103	MIX CABINET	
FAN-5 BLADE 7" PUSH	016289	1		103		
MOTOR-FAN 120W 208/230V	041401-27	1		103	MAIN SYSTEM	
FAN-5 BLADE 12" PUSH	047279	1		103		
CAPACITOR-RUN 4UF/370V	019624	1		103		
BOOT-CAPACITOR	031314	1		000		
MOTOR-1.5 HP	021522-	1	2	212		
MOTOR-REDUCER 162 RPM	051874-	1	2	103		
NUT-STUD	021508	4		103		
NUT-STUD *460-664-754-56*LONG	034382		2	103		
NUT-STUD *460-664-754-56*SHORT	034383		2	103		
PAIL-MIX 10 QT.	013163	2	2	000		
PAN A.-DRIP *8752*	X23008	1		103	EXPANSION VALVE	

+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
PAN A.-DRIP *8756*	X22811		1	103	EXPANSION VALVE	
PAN-DRIP 11-5/8"LONG	027503	1		103		
PAN-DRIP 17-1/4"LONG	027504		1	103		
PANEL A.-FRONT *8752*	X22997	1		103		
PANEL A.-FRONT *8756*	X22879		1	103		
PANEL A.-LOWER SIDE	X23956	2	2	103	RIGHT & LEFT	
PANEL-LOWER REAR	025128	1		103		
PANEL-LOWER REAR *657-756*	023598		1	103		
PANEL-UPPER REAR	022074	1		103		
PANEL-UPPER REAR *657-756*	022015		1	103		
PANEL-UPPER SIDE LEFT	028599	1	1	103	HINGED	
PANEL-UPPER SIDE RIGHT	028600	1	1	103	HINGED	
+ WASHER-PLASTIC PIVOT	013808	4	4	000		
PLATE-DEC	033347	1		103		
PLATE A.-DEC-756* M.C.	X32138		1	103		
PLUG-DRIP TRAY HOLE	029595	1	1	000		
PROBE A.-MIX-W/BALL CONNECTORS	X35981	1	2	103	MIX CABINET	
PROBE A.-THERMISTOR	X31602	1	2	103	BARREL	
PROBE A.-THERMISTOR *SHORT*	X36267	1	1	103	MIX CABINET	
+ BRACKET-THERMISTOR PROBE	033745	1	1	103	MIX CABINET	
PULLEY-2AK25 X .625	021076	1	2	103	BEATER MOTOR	
PULLEY-2AK74-5/8	027822	1	2	103	GEAR	
RELAY-OVERLOAD	049651-	1		103		
RELAY-3 POLE-20A-208/240 50/60	012725-	2	2	103		
RELAY-SPDT-30 A-240 V (MIDTEX)	032607-		1	103	BLOWER & AIR COMPRESSOR	
RELAY A.-240V *HORIZON*	X53574SER1		2	103	K0010000 (SEE SERVICE ALERT)	SFT01900
ROLLER-PUMP *PERISTALTIC*	051887	1	2	103		
SANITIZER KAY-5	041082	1		000	CASE OF 125 PACKETS	
SANITIZER-STERA SHEEN-GREEN	0065293		1	000		
SCREW-THUMB #10-32	052016	4	8	000	PUMP HOUSING	
SHAFT-BEATER	032564	1	2	103		
+SEAL-DRIVE SHAFT	032560	1	2	000		
SHELL A.-INSULATED *8752*	X24369	1		512		

+ Available Separately

071018

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
+STUD-NOSE CONE	022822	4		103		
SHELL A.-INSULATED *8756*	X24347		1	512		
+STUD-NOSE CONE	022822		4	103		
SHIELD-SPLASH	022765	1		103		
SHIELD-SPLASH 23 INCH	022766		1	103		
SHROUD A.-EVAPORATOR	X49124	1	1	103	MIX CAB.-8756P - PRIOR TO J9013732	
SHROUD A.-EVAPORATOR	X53295		1	103	MIX CABINET -8756P- J9013732/UP	
SOCKET A.-PROBE*BALL&SOCK*60IN	X36615	1	2	103		
CLIP-BALL CONNECTOR	035813	3	6	000		
SCREW-5-40 X 1/4 SOCKET CAP SS	037843	3	6	000		
STARTER	041950-		2	103	BEATER MOTOR	
+OVERLOAD-THERMAL	047150-		2	103		
STRIP-TOP TRIM	024827		1	103		
SWITCH-PRESSURE 405 PSI - A/C	052663	1	2	103	J9013732/UP	
SWITCH-PRESSURE 440 PSI - A/C	048230	1	2	103	PRIOR TO J9013732	
SWITCH-TOGGLE-DPDT*ON-NONE-ON	024295	1		103	POWER	
SWITCH-TOGGLE-DPDT*ON-NONE-ON	037394		1	103	POWER	
SWITCH A.-DRAW	X33322	1		103		
ARM A.-DRAW	X33326	1		103		
BRACKET A.-SWITCH	X33323	1		103		
E-RING 3/16 .335 OD	049178	1		000		
PIN-PIVOT	015478	1		103		
SPRING-RETURN	023488	1		103		
SWITCH-LEVER-SPDT-10A-125-250V	028889	1		103		
SWITCH A.-DRAW *TWIN TWIST	X38921		1	103		
ARM-SWITCH-DRAW-LEFT	038649		1	103		
ARM-SWITCH-DRAW-RIGHT	038650		1	103		
BRACKET A.-SWITCH *338-39-754	X38252		1	103		
E-RING 1/4	032190		2	000		
PIN-PIVOT-DRAW SWITCH	038484		1	103		
SPRING-RETURN L.	023487		1	103		
SPRING-RETURN R.	023488		1	103		
SWITCH A.-DRAW-TWIN TWIST	X39269		1	103		
BRACKET-DRAW SWITCH-TWIN TWIST	039264		1	103		

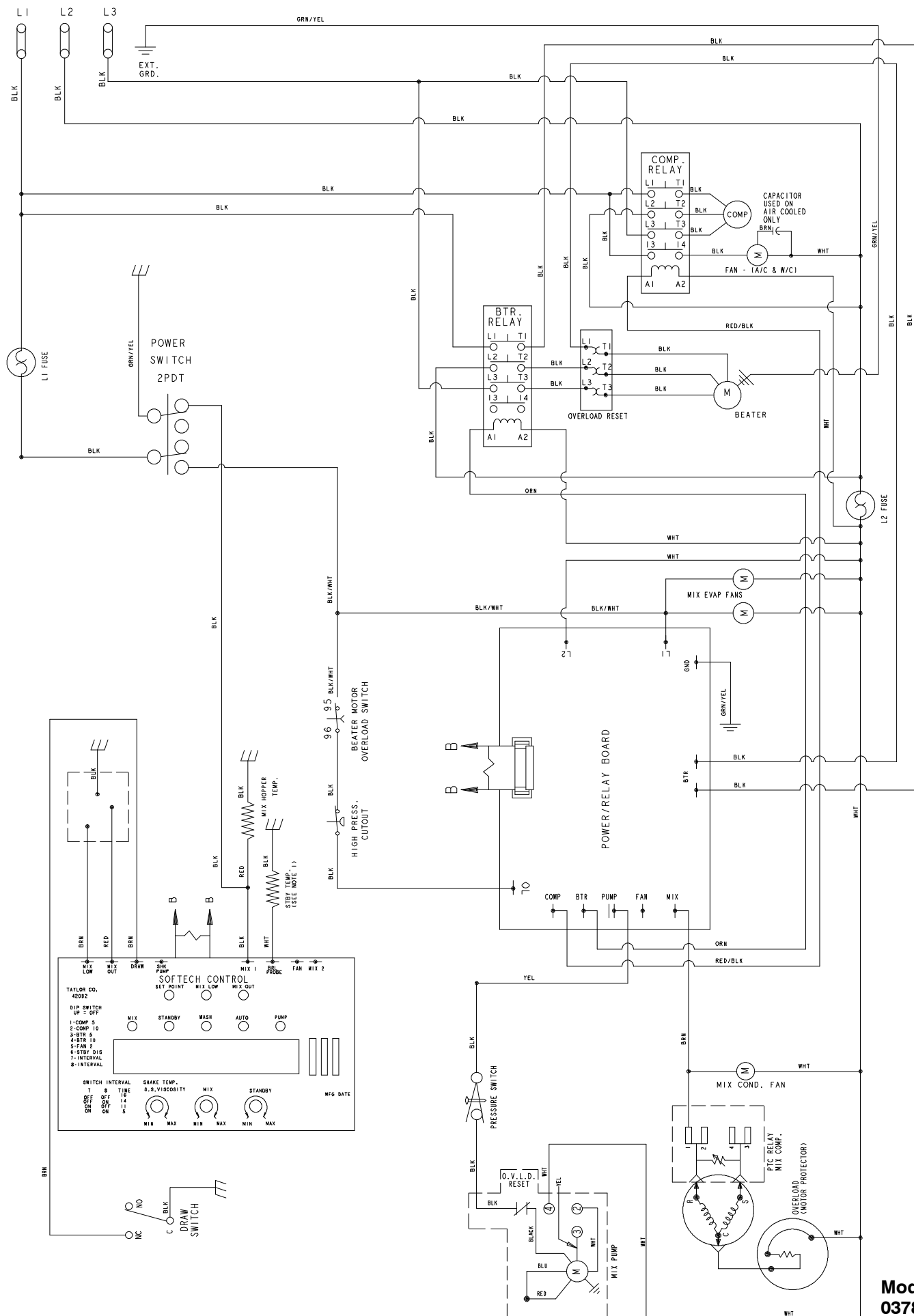
+ Available Separately

DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
SWITCH-LEVER-SPDT-11A-125-277V	039252		2	103		
SWITCH A.-PRESSURE *STAINLESS CAP*	X51985	1	2	103	MIX CABINET	
BODY-PRESSURE SWITCH*STAINLESS*	032658	1	2	103		
CAP-PRESSURE SWITCH	032657	1	2	000		
DIAPHRAGM-PRESSURE SWITCH	020249	1	2	000		
O-RING-1/2ID X 5/8 OD	017998	1	2	000		
PISTON-PRESSURE SWITCH*DELRIN	032634	1	2	103		
SPRING-COMP.480X.047X.875	051942	1	2	103		
SWITCH-PLUNGER-SPDT15A125-250V	032260	1	2	103		
TANK-MIX - 15 GALLON-PLASTIC	020275	1		103		
TANK A.-MIX W/DECALS	X38755		2	103		
DECAL-MIX TANK-RIGHT SIDE OUT	038751		2	000		
DECAL-MIX TANK-WRONG SIDE OUT	038750		2	000		
TANK-MIX 9-GALLON TAPERED BTM	034928		2	103		
TRAY-DRIP 16-7/8L X 5-1/8W	020157	1		103		
TRAY-DRIP 22-7/8L X 5-1/8W	014533		1	103		
TRAY-PARTS-BARREL-3.4 QT.	025468		1	000	J9013732/UP	
TRIM A.-SHELF	X20426	1		103		
TRIM A.-SHELF *657-756*	X24813		1	103	BELOW DRIP TRAY	
TRIM A.-SIDE-UPPER	X22423	2		103		
TRIM A.-SIDE *657-756*	X22424		2	103		
TRIM-BOTTOM MIX DOOR	024974	1		103		
TRIM-BOTTOM MIX DOOR	024826		1	103		
TRIM-MIX DOOR	024976	1		103		
TRIM-REAR CORNER	022071	2		103	RIGHT & LEFT	
TRIM-REAR CORNER *657-756*	022013		2	103	RIGHT & LEFT	
TRIM-FRONT LEFT	024824-SP	1	1	103		
TRIM-FRONT RIGHT	024825	1	1	103		
TUBE A.-MIX INLET-SOFT SERVE	X23124	1	2	103		
+O-RING-13/16 OD X .103W	019330	1	2	000		
+SEAL-INLET TUBE	032886	1	2	000		
TUBE A.-SUCTION *22 INCH*	X20450	1	2	103		
COUNTERWEIGHT-SUCTION TUBE	020452	1	2	103		
TUBE-VINYL 5/8 ID X 1/8 WALL	020945-22	1	2	000	BULK P/N R30326	

+ Available Separately

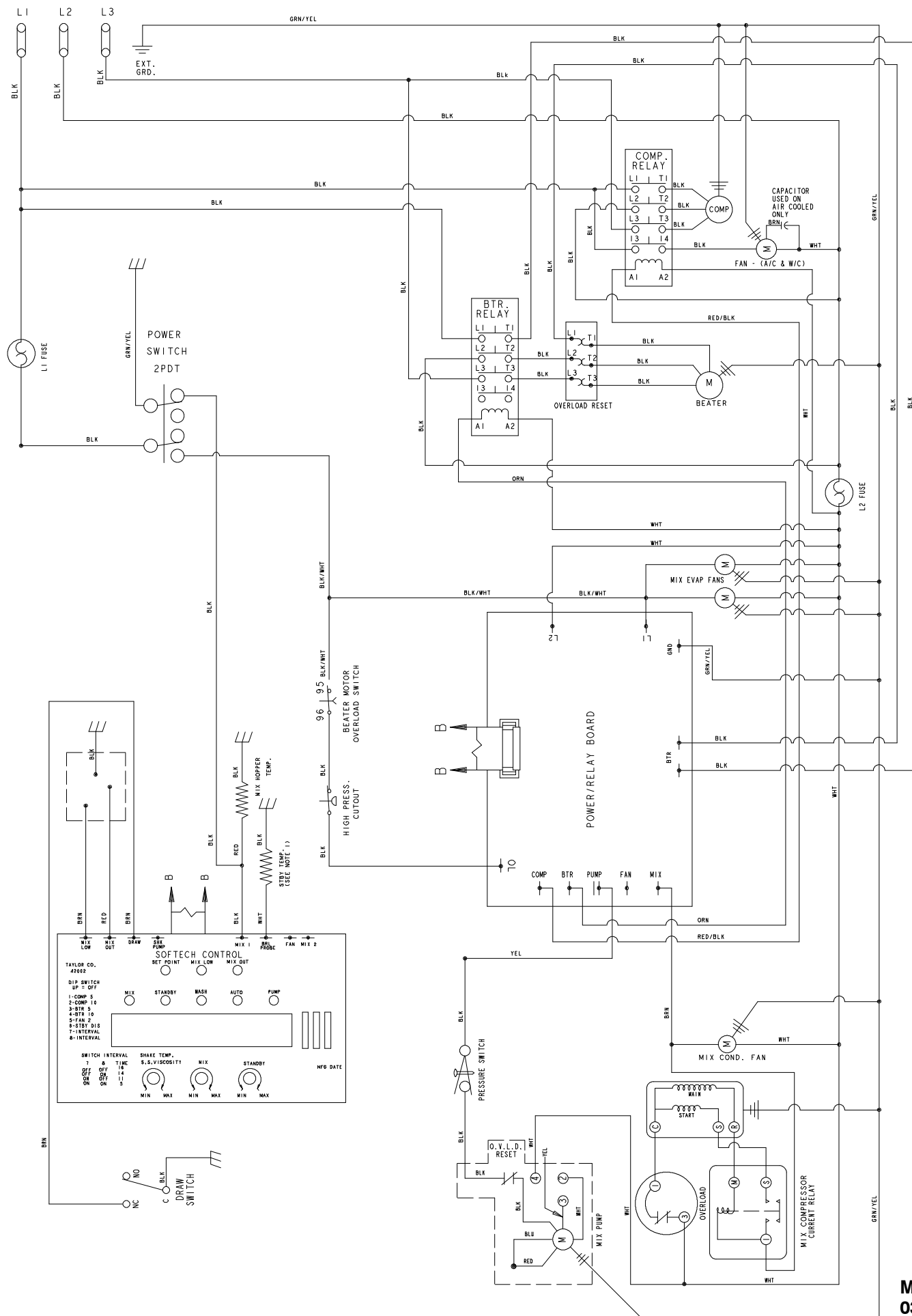
DESCRIPTION	PART NUMBER	8752P QTY.	8756P QTY.	WARR. CLASS	REMARKS	PARTS UPDATE
TUBE-PUMP *PERISTALTIC*	053891	1	2	000		
TUBE-VINYL 1/4ID X 1/16WALL	020941-30	1	1	000	BULK P/N R30312 MIX CAB SHROUD	
TUBE-VINYL 1/4ID X 1/16WALL	020941-36	1	1	000	BULK P/N R30312 AXV DRAIN	
VALVE A.-CHECK	X51938	1	2	103		
BODY A.-CHECK VALVE	X51945-SER	1	2	103		
INCLUDES:						
BODY-CHECK VALVE	051945	1	2	103		
PLUG-Q.D. LIQ. 1/8 MPT	022134	1	2	103		
SOCKET-Q.D. LIQ. 1/8 MPT	022159	1	2	103		
CAP-CHECK VALVE	051946	1	2	103		
O-RING-13/16 OD X .139W	021278	1	2	000		
PIN-RETAINING 1/4 OD X 2" LONG	042306	1	2	103		
POPPET-RUBBER-BLACK	022473	1	2	000		
SPRING-COMP .300X.022X1.25 SS	051941	1	2	000		
VALVE-ACCESS 1/4FL X 3/8 SOLDER	044455	1		103		
VALVE-ACCESS 1/4 X 3/8 SOLDER	029406	1	1	103		
VALVE-ACCESS 1/4FL X 1/4SOLDER	044404	1	1	103		
VALVE-ACCESS 1/4FL X 3/8SOLDER	043232		2	103		
VALVE-ACCESS-1/4 MFLX1/4 S-90	047016	1	2	103		
VALVE-EPR 1/4S	022665	1	1	103	MIX CABINET	
VALVE-EXP-AUTO-1/4S X1/4 FPT	046365	1	2	103		
+BOOT-EXPANSION VALVE	050900	1	2	000		
VIDEO-TRAIN FILM-SS-CABINET	053101-V	1	1	000		
WASHER - .406 ID X 1.0 OD	053420	1	2	000	SHIM FOR ROLLERS	
WIRE A.-PRESSURE*LONG*	X32663	1	2	103	FOR X51985 PRESSURE SWITCH	
+ BOOT-PRESSURE SWITCH	032624	1	2	000		

+ Available Separately



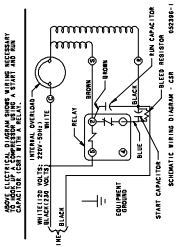
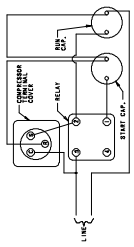
NOTES:
1) STANDBY TEMP. PROBE IS NOT PRESENT ON
MODELS WITHOUT THE STANDBY MODE FEATURE

Model 8752
037808-33

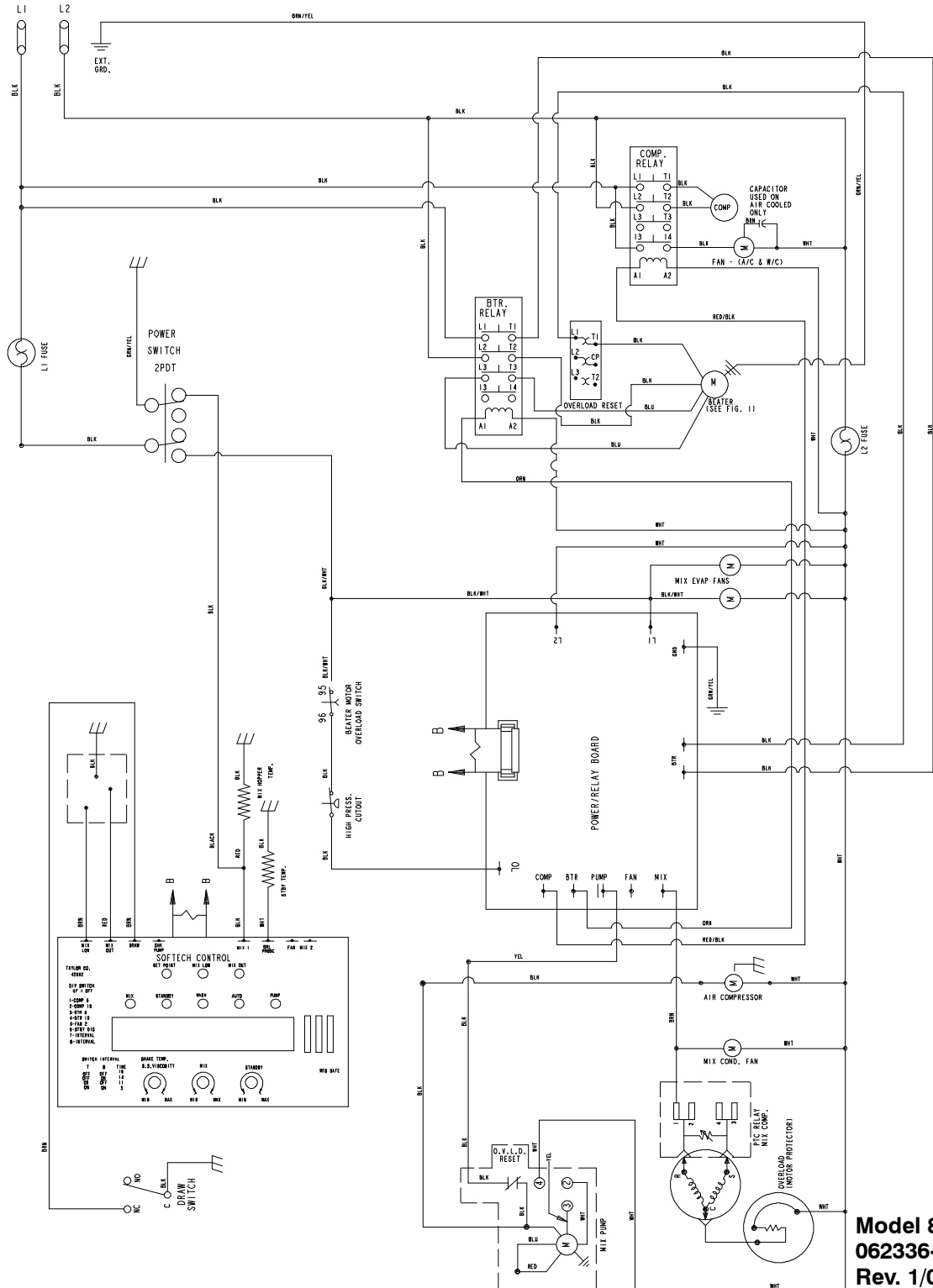
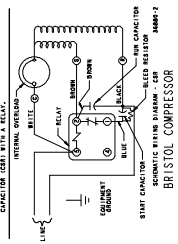
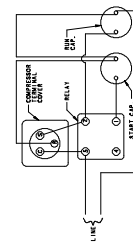
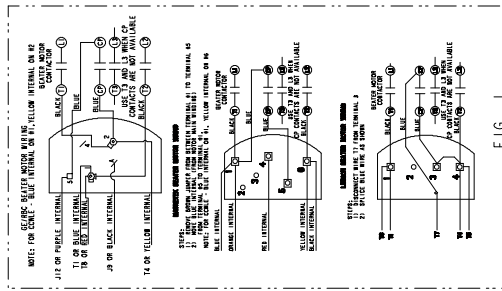


NOTES:
1) STANDBY TEMP. PROBE IS NOT PRESENT ON
MODELS WITHOUT THE STANDBY MODE FEATURE

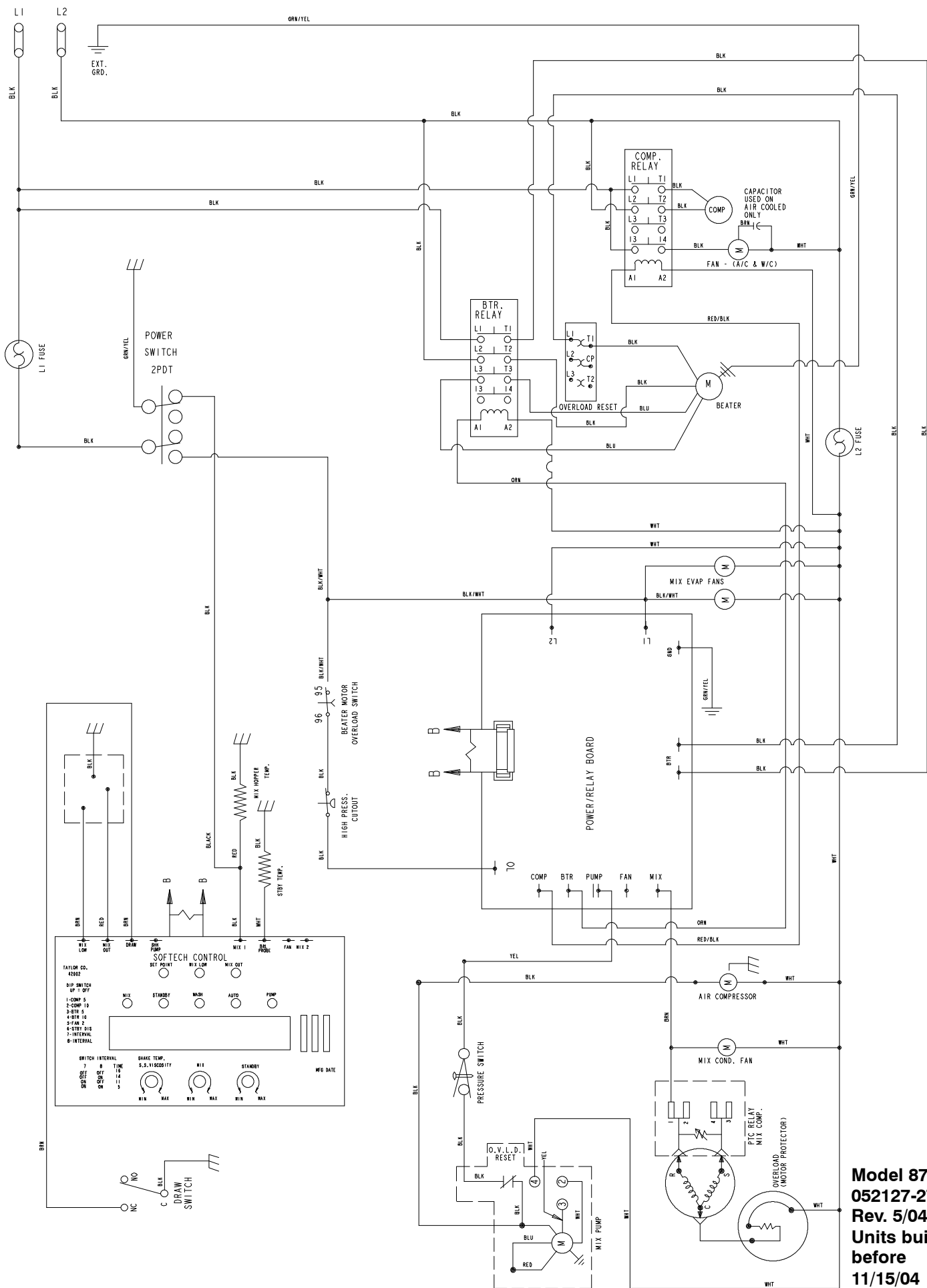
Model 8752
037808-35



COPELAND COMPRESSOR



Model 8752P
062336-27
Rev. 1/06



Model 8752P
052127-27
Rev. 5/04
Units built
before
11/15/04

